

<220>
 <221> misc_feature
 <222> (1) ... (722)
 <223> n = A,T,C or G

<400> 2598
 gttcaatgct nggctcttgt tctttntgca ggatccctcg attcgtttgg tcagttgcac 60
 cttctgggtc actggtagcc gcgggagccg ggtggggcct aggcgatgat ccggcattaa 120
 ggagctggga tcctcctccg tctcaggtgg tttggggaaa gtgtaggggc aaccaaagat 180
 catcggttg actaggccct ttgccctgaa cctcatgaag aaatgatagg aggcagacat 240
 atgtgcctaa aaagagcgtt gagctcagag aagagcaact cggagttttg ggggtgtgct 300
 ttgatttgtg tacatcaatg gcagaatcat ccagcgaatc agatcacttn cgctgtcgtg 360
 accgattgag tccatgggct gccagatcaa cgcacagggg aactcgaagt cttcctacag 420
 tagaagttac cgagaaggct aacactataa caagtacttt acaggatacc agtcggaacc 480
 tgcgacaagt ggaccagatg cttggacgat accgagaata cagtaatgga caggcgggtg 540
 cgatagaaca tgtgagaaac tacatttgtt tgcattttct cctaccacc ttttttgggg 600
 aatgaantgt tttggggaat ggggcttgtg aactaaaagg aaaaaacca ttggtgaaag 660
 tgcttttaga attttaaaac tgnatttaat tattttatan gtttnaaagt ttaagggttag 720
 ct 722

<210> 2599
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (792)
 <223> n = A,T,C or G

<400> 2599
 agtgcttcta ntnnattgct acttgttctt tttgcaggat cccatcgatt gcgaattcgg 60
 caccgagggtg atctctcatc agtgtttgac agttaatcac ttttccctcc ttgaaatacc 120
 gggggntgag gcttncaaga caccacacac aactgggtta cctctctctg nctctctctt 180
 ttttgtttcc tttgctgact ctttctcagc atttcngcta gggtnnagtc catggcattt 240
 cttnacattn ntggctacct ttctccctta angtaentnt ctagacttcn aantccatnn 300
 attcctagtt tnaagatntc cctttancaa cttaattnca tnnannttn nanacacagt 360
 ccttgaanat tnccnanagc caaaacacgg antcgtaent gaaccctnn nnnntctcat 420
 atcacatata cggtntgtca tcanntcatg atatncttcn cnetttnttn nanantnttn 480
 ccnntntctt atnaattcnt ttngnanctn ttctnccnc aatccaaang annnttannt 540
 gcttnnatta aactatatnt anngngntt ttnttcnntc tcngnganan aaanatnttn 600
 naaancccg nnncttaaat ncaattntnt gcncctttct nnnaaatgnc nanngnccnt 660
 taatcatcca actnggtngg ntccaggggn ncanatggct ntaccaatcc ttgcnaanc 720
 cntcacgnnc tttttggcnn nnggccttn tantnccgcc nanatctacc ctcgtnnngg 780
 aangccantt nc 792

<210> 2600
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (712)
 <223> n = A,T,C or G

<400> 2600

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ggcngntnta tgnagctctt gttcttttgc aggatccctc gattcgcaaa gccactttga      60
attctggaaa gttgacctga tggagaagaa ccaggaaaac caagaccagc atttgaggaa      120
agctggtttt gtcaacaaca aaatactgat ggaagacaga aatagtgttt taggagaaac      180
atttaataata aattcaaacc ttgttccaat gagaaaaata cctgataaat atgacttatg      240
tataatgaac gtgaattata tttcagaatt aattgttagt aatagaaact cctttggaag      300
gaagcttgat gagctcagtg cacatgcgaa attgtcctt catatgacat gagcatcctt      360
atgccagaga gaaacatttt gagtgtgata gaaatgagaa agccatctgt tagaatgagg      420
acttattttca gcatacaggat attcaaactc tgaagcaaat ttttgaatac cttgagtgtg      480
ggaaagcttt tcatgaggag gcagccttca gtaccataa gagagtgtgc ttcttgggag      540
aaaccttggt aatataatga acaacttaag agccttttct gacaatncaa accttcttgg      600
tcatcagagt actcacagaa gggaaaatca ctacgagttt aattgctggt gggangaagt      660
ctgtngtgag aaatctntaa ttaacaccat ggaggaatca tggggaaaaa ta              712

```

<210> 2601

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2601

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ggngnntttt atagatacan gctacttggt ctttttgcag gatcccatcg attcgaaaca      60
acggagttct cttttctgaa tctgcaaaaa agggactactca ctttgtccag ttatgctgcc      120
aaagaaatat tcctctgctg ttccctcaaa acattactgg atttatggtt ggtagagagt      180
atgaagctga aggaattgcc aaggatgggt ccaagatggt ggccgctgtg gcctgtgccc      240
aagtgcctaa gataaccctc atcattgggg gctcctatgg agccggaaac tatgggatgt      300
gtggcagagc gtatagccca agatttctct acatttggcc aaatgctcgt atctcagtga      360
tgggaggaga gcaggcagcc aatgtgttg ccacgataac aaaggaccaa agagcccggg      420
aaggaaagca gttctccagt gctgatgaag cggctttaa agagcccatc attaagaagt      480
ttgaagagga aggaaaccct tactattcca gcgcaagggt atgggatgat gggatcattg      540
atccagcaga caccagactg gtcttgggtc tcagnttttag tgcagncctc aacgcaccan      600
taganaaaga ctgactttcg gnatcttcag gatgtaactg ggaataaaa gatgttttct      660
gttgacatg tactggaaaa ttaacacatg tngtagcctt aaaaatttta gactntttct      720
aacatgangn ttg              733

```

<210> 2602

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 2602

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ngnggnnttt tagatcagct cttgttcttt ttgcaggatc ccatcgattc gaattcgctca      60
cgagaactcc tactgttgaa tacatctgca cccaacagaa tattttgttc atgttattga      120
aagggtatga atctccagaa atagctctaa attgtggaat aatgttaaga gaatgcatca      180
gacatgaacc acttgcaaaa atcattttgt ggtcgggaaca gttttatgat ttcttcagat      240
atgtcgaaat gtcaacattt gacatagctt cagatgcatt tgccacattc aaggatttac      300
ttacaagaca taaattgctc agtgcagaat ttttggaaaca gcattatgat agatttttca      360

```

```

gtgaatatga gaagttactt cattcagaaa attatgtgac aaaaagacag tcaactgaagc 420
ttctcgggtga actactacta gatagacaca acttcacaaat tatgacaaaa tacatcagta 480
aacctgagaa cctcaaatta atgatgaacc tgctgcgaga caaaagtcgc aacatccagt 540
ttgaggcctt tcacgttttt aagggtgtttg tagccaatcc taacaagacg cagccccatcc 600
tagacatcct cctcaagaac caggccaaaac tcatagagtt cctcagcaag tttcagaacg 660
acaggacgga ggatgagcag tttaaccgac gagaagacct atttagttaa acagatcagg 720
gn 722

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<210> 2603

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2603

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ggnggggtttc taatagnnnng ctacttggttc tttntgcagg atcccatcga ttogaattcg 60
gcacgagaaac cagagctggg cccaggccag gaaacaggca ccaattcccg aggaaggctcg 120
cctagcccca ttgggggtggg gtcagagatg tgcaggaggag aaggggggaga gggcacgcca 180
gtgaagcagg acttatctgc tccccctggc tacacctca ctgagaacgt ggcccggatc 240
ctcaacaaga agctgctgga acatgcctta aaggaggaga ggaggcaggc tgcccacggg 300
cccccgggtc tccacagtga cagccactcg ctgggggaca cagccgagcc agggcccatg 360
gaggaactac cttgttctgc actagctcca tccctagagc cctgcttctt caggcccag 420
agaccagcaa acccgctgcc ctctgtcccg ttggggccca cattcccca ctgcttacag 480
gcttagtcac cccggagacc cgacgtncct ggangancat ggtggcnaag agcccgcgcc 540
aggagcanc acaccgagat gcaaacttgc attggattat cacaagtnta aattcacttg 600
gaattttgca ttaaccccn cccnttacc ttgnaacaaa aatttttgnc caacagggag 660
gaanatctta ntttttttca anggncaaaa naaatgtttt tttnaaaaac cccaaaanct 720
tgnttnaaat gttnaaacct tgggaaaact tgggaatttt t 761

```

<210> 2604

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 2604

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ggggnttttt naccacgctc ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
gagaacgggtg tctggtggag aagagctgag ctccctggc cccttctgaa atggggtcag 120
gaaggggagc angaggggna ttntncatgg tgctcctgcn natangtatt tctttnnctc 180
nctnatctct ctnagtcatn nctcagtcaa ccacatatat taagacctat gcacagaaca 240
attctattcc tataaaattc tataaaatgc anactanncc ataatgacaa aaanaatatt 300
actggtttcc tagggatggg atgtnnngcaa agagagacga cagatgnang nattaccaat 360
gagcacagng ganacttntg natgcangga tatgctcatt gtccttgact gctgatgggt 420
tnacnagggtg ggcccaaaac tatntcaaac ttttcacttc atctatatga ccantgtgca 480
tatgccaaat atacctcaat taatcctgat taaanncatt tanngntatc tctactngta 540
aantttaaaa ccncttttta cnttaccncc cctgtantca ntcagtngc cnttccnnaa 600
aaacttccca anngtatctt tancnataaa nnaggcttcc tnnntaaccn anttnnacct 660
tcnttngnn natnctnnnn naccttattt cttaattctt ctgaaanaat tcaacntant 720

```

attataccta tttnaaance ttctnccaac ttctttantn nnngcacctt tcttctcntt 780
ataatcccan cnanncncg 799

<210> 2605
<211> 729
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

<400> 2605
gggggtntct aatgcnggct acttggttctt tttgcaggat cccatcgatt cgccgtcttc 60
gccaaggccc cgcccgagcc tagttgttct cccctgaat gtgtagaacc ttcctttgaa 120
atctcttaat cgggtgcattg aggtttccac atctttttcc aagcagtgcc ccacttcatg 180
gatttatagc tatagtctat gcagtcgtta cctctttttt tttttttaag aaaattgaag 240
attgggggtgg tggaggcagt agggagatgg gattgggcac ctccccctg ctggggcctg 300
gatttttgta aataaatttc ccaagcgttt ctttccacct ggagggaag ggggggacgc 360
ccccagtgag attcaaatca cgcctctctc ctcctctgct tgagtgcgtg tgtacatgtg 420
cactccccac cctgctccct tcccagaggg attgctgtga aatttttttg gtggcaaata 480
aagataaatt tcattctgtt caaaaaaaaa anaaaaaaaa actcgagcct ctagaactat 540
agtgagtcgc tattacgtag atccagacat gataagatca ttgatgaagt ttggacaaac 600
cacaactgaa atgcagtga aaaaatgctt tatttngaa aattggggat gctattgctt 660
taatttgnaa cccttntnag ctggaattaa ccaagttanc accaaccaat tgcnttcatt 720
tttatggtt 729

<210> 2606
<211> 763
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

<400> 2606
nnnagnggng gnnantnnnn nnnttttgna aagncgttgc tacttggttct ttatgcagga 60
tcccacgat tcgaattcgg cacgagggtg aacaaaaatg gccagattc ttattcagaa 120
accaattcac attttaaaaa tatatactgt acactacccc atcctcttcc taatagctaa 180
agtgatctac cctaaaacac caagcagtc ttcttacagt ttgttccctc ctgacagttc 240
attgattaca atgtgaaagc accaacctga gctaaaatga aatgagaagc ctgatgtttc 300
aggcaccaag tacttttaaaa atgtctactg gctgtcctgc agcattttac ttaatcattt 360
tttagaggag ggatgaggac tggttgggta aaggaaatca tcaaatggag ccttaaataa 420
ctgattacaa aagctttttg taaaatcaca caaatatttc aagaataaat gcattccaga 480
gatacaaatc aggccaaaag aaacaaaaat caatgaaatt ggcattacac ttgtaaaagg 540
ccaaatggac acaagccctc gagcctctag aactatagtg agtcgtatta cgtagatcca 600
gacatgataa gatacattga tgagtgttga caaaccacaa ctagaatgca gtggaaaaaa 660
atgcttttatt tgtgaaattg tgatgctatt gctttatttg gaccattata agctgcaata 720
aacaagggtta acaacaccaa tggcttcatt tatgtttcag gnt 763

<210> 2607
<211> 740
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2607

aggggnnnnn	ntttntnagg	gcagntttnt	nnatacangc	tacttgttct	ttttgcagga	60
tcccatcgat	tcgaattcgg	cacgaggctg	tttgtgcaaa	taccttgaaa	actttgaaac	120
ttgaccccg	acaggcctgg	tgccagggtc	tttccgactt	ttgtgttttc	ttccacctt	180
tcactactga	ctttgcctct	ttcctaccag	gaatggacag	ggccgatgga	ggtgaagcgg	240
acagcagctg	cactgccttg	tagagattcc	caggccctgc	ccacttcaaa	gcacacaagc	300
ccacctcttc	ctcatcacat	ttccctttgc	aacccaggga	ggcactcacc	aggatgctgc	360
caagaaggaa	acatttttatt	aacatgtttc	tttgtttccg	atgcacttaa	aacacttggg	420
cctcttgacc	aagtctagtt	ttaggacttc	aaaggggctg	tgaaagccac	atcttgatga	480
ctttggtgta	aaatgagtag	ggcatatcgg	gatttaattt	cccttgaaag	ttgcacagac	540
ttaaaaaatta	gcagaatagg	ctagcagaat	angccggatg	ccgtggctca	tatctgtaat	600
ccagcacttt	gggangccga	ggcangcgga	tcacctaagg	caacagttnc	anaccaagcc	660
tggtccaacat	ggtgaaaccc	cctcttacta	aagatngaaa	aaattaanct	gggccgttgt	720
ggtgcaacct	gtaatcttac					740

<210> 2608

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 2608

gcggnnnnntc	ttcanatgnc	ngctcttggt	ctttntgcag	gatcccatcg	attogaattc	60
ggcacgagtt	cattttttaa	aagcttctcc	ttattatggt	gttgtttaac	aacttaaacy	120
ctatctctag	accaggaata	attatttgct	atatattaca	gcaaaaaata	tgtatgtata	180
aatggactca	ttcaaaatat	ataaagaact	cctattacaa	agaaattgac	aaacagccca	240
gtatatcaat	gaatataaaa	atcttgagaag	atattttcca	taagaagata	tctaaatgaa	300
cattaggcat	gagaaaacca	aatttttagga	tatcactaca	cacctggcat	agtttaaaag	360
actgaaaata	ttaagtgtgt	gggaatgtag	agcaactgga	aatggcctac	atctttcata	420
gaaatgtaaa	acaatacaaa	tactttgcaa	aactctgtcc	aacattttct	acccattcac	480
caagcaactc	catccctagc	tatagatacc	caggaaaata	agtatgtatc	ttcacagaaa	540
taattgnatg	agaatattca	tagttcttat	gcacagtagt	tatcaagtaa	acctgtctnc	600
catcagaaaa	atggatatca	aatgggggtga	taatcatnca	atcaatagga	tattacttgg	660
ccaaaccaaaa	tgaacaagg	gaaaaccaca	tcaaccaa	at	tagtggcntn	718

<210> 2609

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2609

```

ggcagctctc taatgcnnngc tacttggttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgagcaaa gtactgggat tacaggcatg agtcactgag cccagcctaa taaagaactt      120
tctgacagtg aaaatggtct gtgcatggtg tgggtggggt gaggtgagg ccgggcgtgg      180
atggagcagc agggaggttg tagacaatgt ccagacatca gagagagggc tgggctctga      240
tcctgtgcca cctgaaagg ctttgatcct atggtttggt cagaaacaga gcctgtaaaa      300
cccatgtatg cagctgttgc taagggaac cacaagatgc tcaaaggacc ttaaagatgt      360
agatgcagtt agttacctga agaagtgaag gtagaagtga agtcctttct aaaagaaaaa      420
ccacagacac aatggcaatc tggggagaaa gagagcctgg gattgggaga agatatccag      480
gcatttagct ctctcttccc cccatattta gtgtgacata tttattgtga ctttataaat      540
tcttttttta attttaattt ttattttaat gtttgtgggt atgcagtagg tgtatatatt      600
tatgggacac atgagatatt ttggtacagc aggtgtttat cttgaccgac gtcttgnctc      660
tactgcctgt cccgntctta acatccttct ctttctactc cccttaccce gtntt      715

```

<210> 2610

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 2610

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gcggnnntnn ttctaagcn ggctcttggt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagat ttaaatagtc tgtctttaag agtagctctg agattttttt ctggtaaatc      120
actatttaac ctctctgatt tgttttagtt ttctcatcta taaaattgaa atgataaaat      180
gaaggttaaa ttagaaaatg tagaaaatgc ctagaacaga gtcttgcata tggttggtac      240
taaagtgttt tgttcccat ggatagtatc ttctcttaaa gatcctttga aagggtctta      300
aagtgaacct tgtaggatgg taatttttgt tcattttaat ttttttagta agttttgatt      360
gagatcttga atttcattta gaaaatttct gctaagcaag aagcagtggg aaaattacag      420
gaaaagctgt ctagacttga ctacatagaa attataaatg tttgcatatc acattgtcaa      480
aaaacaaaat taaaagatat tgacatgaaa atatttgtat gtgggcagaa aaaagttaa      540
tattcttaat attaatgagc tcttagaaat cttaaaaata attaaacatt tgatagaata      600
atgaacaaag gacatgaata ggtggttcat aaaagaaata taaatagcta ataagcatat      660
gaaaatggtg ttagcctag gataatcaaa gaaactcaaa tccatctttt ggttggcaaa      720
ttg      723

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<210> 2611

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2611

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ggggactctg ttctnacagc tacttggttct ttaggancca atccangagn aatnngnccc      60
gancncagnc cnaatnctn ttttccgcnc ctgggtncnt cacttcctng cggaanagac      120
agnnatcttc nnggntncat tcntatgaaa ncanggnntg gnntgaaaat gtcttnccag      180
ntncaacagg cnatnaacac atgcctaaaa gatcntgtaa ggggtttcag nacacgacga      240
gtcctctagc gctttgtgtt cacaccttta ctccatgatc cgtggaaacc ggccaacaca      300
gacgagcctt ncttatnct nntactcagc ctctttgatg acacancaga ancagacgtg      360

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actatgctct	cgtatatatg	cagacaatct	angcctgttt	tncataaccag	acncaggaag	420
aagcccgttg	ttataatgca	tcatatatac	attacactct	nnagtttctt	ggnagtcacc	480
tactgcagtc	atttcaagg	agnctnatgg	gtaaaggunc	ataaaggaaa	ngangaggaa	540
aantantcnc	ctantannng	gaaaattgag	tcnangctga	caggtgnnat	angaaaantt	600
ttncnaggcc	tttggggaang	tcaccgggaa	aaccgtgggt	ngatttncag	aatttccana	660
atttccggaa	tttcangaat	gaaccgattt	ttaaaattcc	agtngnttgn	aaaatgggtt	720
ttgncnngga	aaaaatttan	nttcccnttt	taaatccgna	atttttcaaa	antgntnttn	780
cccaaggggn	catttttnaa	taaccnttnc	tcaan			815

<210> 2612

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2612

gngggnnnnn	nnttttnnan	ngcgtntata	gcnggctctt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggccagcttg	acctgggtgt	gggcccgttg	ggcgagaaatg	120
aagctncact	gtgaggtgga	ggtgatcagc	cggcacttgc	ccgccttggg	gcttaggaac	180
cggggcaagg	gcgtccgagc	cgtgttgagc	ctctgtcagc	agacttccag	gagtcagccg	240
ccggtccgag	ccttccctgct	catctccacc	ctgaaggaca	agcgcgggac	ccgctatgag	300
gtgctggaag	tgggcaggcc	ctgtcagtct	cgcgttcttc	ttggaagccg	agacgcgggc	360
caccctcggt	cttcatgctc	ccggctgctc	cctaggcgaa	agcccgcctt	gggggttcct	420
gaactcccag	ccttgagacc	taccatcagc	ccgaccccan	ggtcctgtgc	gtcttcctac	480
ggacccgaaa	gaagaaagct	ttgagagtgt	accttttctgc	tatttttctc	cccactttta	540
cgactttgaa	tttacagtgt	tgtatatttag	tagtggtatg	caatcccgc	tgtttcaagt	600
ttctgaaatt	ttgctgaaa	caagcgcaaa	tgaagcaact	tgtccagttg	gggaacagta	660
aaataactgc	agttcttgtt	caatgaaaaa	aaaaaaaaaa	aaactcgagc	ctntagaact	720
atagtgaagc	gtattacgta	na				742

<210> 2613

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2613

ggngcgtcta	tggtgctctn	gttctttttg	aggatcccat	cgattcgctg	gatccagtc	60
aggccagagc	ctcctctgca	gagaaggtag	taggtgcccc	tgcacagggt	gactgccagc	120
ctcgtggagt	gggggcagtg	gtgtccctgc	gggcgggctt	ggtcttctga	ggccatgtca	180
gtgccacccc	agggccgccc	tccatggcag	tgtggggcca	acaagcctgt	cttcccattt	240
ttctgagaga	ggctggaaat	cctgttcttt	ttatatataa	agtgtttcct	tttcaaaata	300
ttggcaacta	agtaaatcca	aacaaagtat	gggccaaatc	atggcacact	cctgccccac	360
aggtggccct	ccagctaaga	gtcatgttta	caatttttaga	ggtttggtgg	gctccagtgg	420
gaccacgcct	gggggtggag	tggtctgtgg	tgaaccgtgt	ctccactccc	acacctcgcc	480
actgagaaga	cagagcacgg	gatcgtgaca	gccgagctcc	accgccttca	ctagtccactg	540
tggcctgcag	gggctgncag	cctctgatto	aagagccagt	gggccgcccga	ggacacactn	600
ccttccttcc	ctgcctgggg	tcctgtgcnt	ttgagctgaa	actgttctng	gccttttctg	660

aaaaggatng tagaacgcn gantggcatt ttantggtga atgggccttt gcaggaacac 720
t 721

<210> 2614
<211> 741
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G

<400> 2614
ggngttttat agcngctctt gttctttttt caggatccct cgattcgaat tcggcacgag 60
cctaggcttt accctcaata ctgcttctgg cnngnccaan cngtctntnt ccngtggtctc 120
tgngtgatgt gactngtctt cttctccaag gcagtattac tcataaattc ttcttttagcg 180
gtactgatct atctgtgtca tcgctcagtc aaccacatat attaagacct aggcacagaa 240
caattctatt tctataaaat tctagaaaat gcaaactaaa ccataatgac aaaaagaata 300
ttagtgggtt tcctagggat gggatgtggg caaagagaga cgaaagaagg agggattacc 360
aaggagcaca gggaaagtcc gggatggagg gatatgctca ttgtcttgac tgggtgatggt 420
tttacagggtg ggccaaacta atcaaaacttt acacttcac tatatgacca gctatcatat 480
gtcaattata cctcaataaa gctgttttaa aacattttaag ggtatatcta ctggaaagta 540
aaactgcttt taattacnag actgnatcat catgtgcata gaaaaaatcc aaanggattc 600
ttccaaaaaa agctactaag aaccactggc cttcatcgag atgccaggtn caaagggtta 660
atattggaaa atcaactatt atttcttatt tcaaaagcca accanaanaa naaannnnann 720
nnnnnnnnnn nnnnnnnnnn n 741

<210> 2615
<211> 753
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

<400> 2615
gnttggnnnn nntttttnnn ancgcntttt tatanatata ngctacttgt tctttttgca 60
ggatcccatc gattcgaatt cggcacgagg gggcccccac gcaaactcaa attccctgag 120
cctcaagagg tgggtggaaga gttgaagaag tacctgtcgt agggagattt gggtagaagc 180
cctcatgctg agcttttgtt ccttggtgat gttggaacat taatgatgga acatggccaa 240
acttcagtca tgatcctgaa accatggctt caggatcatg actgaagtca tggtttcttc 300
cctgccagaa atgaagggtc agttatgagg caaccctcta gtaaggcatt gtaaaagtta 360
ctggatttgg ttttaataaaa gttgaaataa agtanaaaaa aaaaaaaaaa aaaactcgag 420
cctctagaac tatagttagt cgtattacgt agatccagac atgataagat acattgatga 480
gtttggacaa accacaacta gaatgcagtg aaaaaaatgc tttatttgtg aaatttgtga 540
tgctattgct ttatttgtta ccattataaa gctgcaataa acaagttaac aacacaattg 600
cattcatttt atgtttcaag gttcaagggg gangtgtggg anggttttn aattcgccgg 660
gcncngcngc caatgccntt gggccccggg ncccagcttt tggttccttt aatgangggg 720
taaagtcccc cttnggcgta atcatgggna ata 753

<210> 2616
<211> 722
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 2616

gngggggnnt	tctaattnnna	ggctacttgt	tcttttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	gtaagtaacc	tgtgcagagc	acagaactag	gattcagacc	tacagaccca	120
caagtcagcc	tctaaggccc	acttataact	gctctttctgc	ttgcaaggcc	ctatggatga	180
aatccagtta	taacctcctt	ttgctataac	tagacacaga	gggaggcggt	tctccctaata	240
ctgtattttat	ccagacaagc	tgtccagcaa	gattttctgag	tgagggggctt	taaggaagca	300
atctgcgggt	gtgtagcctt	ttctccctca	gcaaatacag	aaggagctta	tagcccgggc	360
tcaccttgct	tcagaacaag	ggccaacatc	tgtccatacc	cctgttatag	tgagatggga	420
aaccttgtag	atgttggcac	tgtgtggctc	ttttctttta	tatactgggc	tttaggggtca	480
atcccattta	accaaagggg	tcaatagcta	taaaaaggcg	ttgaaattgt	atggttatttt	540
gagttatagc	tcagtaaagg	cattaaatct	tcagcctaga	tgaccctatt	ccttcccact	600
ctaaccagct	gtgactncag	atggagacat	tgncctgcat	cctctacgtn	cccatnccca	660
catnccancc	agaaacaaat	gtgtgaagtt	tcataccaac	aagaatgggg	gggtaggaat	720
ca						722

<210> 2617

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2617

gnnagnnnnn	nnnnngnnng	nttttnnaaga	ncagctactt	gttcttttttg	caggatccca	60
tcgattcgaa	ttcggcacga	gggaaccccc	accattaagc	taaagtaaaa	cccttttgag	120
ggaagagggg	gactggggag	aagggaagag	agagaaggca	gggagagtag	ggagagaaaa	180
ccttccagca	gcccagtaaa	ctgcggggcga	agagatctac	ccgtctccct	ccctcccaca	240
gttaccattg	gccttgctcat	cgcaagcatt	tgacaaagac	ttgcttgtct	tgggcctgtc	300
acctcctgaa	aggetgcttt	agctgtggat	gcccttgatt	aaggagagaga	gagccttagga	360
gctgcctgcc	ccagctgggg	tgacggctgt	agggtgggt	ctatgttgca	agccctatat	420
cctagcatgc	agtggaaagt	gcttagctct	ctccctcctg	acctctgggc	agccagtcac	480
caaagcagag	agacgtggcg	gcatgtgggc	agcatgccca	ggttccttgc	tgactcagca	540
cttattttctg	tagtttttaa	aaagaattta	atgttttttg	ttgtattttt	ttgggggggt	600
gaggggtgggc	aaaaacatgg	gggtagttct	gagttgttag	aaatgtttct	tgaatcaaag	660
tttgtttgaa	gacacctgtg	cctttgtacc	cattataaga	tggtcattaa	gacccaagaa	720
actgataact	ttggnntttt	tt				742

<210> 2618

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2618

gggnttttaan nncnntttnc naannagnna gctacttggtt ctttttgcag gatcccatcg	60
attcgaattc ggcacgagga gaactccaaa tagcccaaga gggtaggtgca cccccaactt	120
cataggggta gaggtccttg agattaggag aacccttttt aggctttact ctatgtacct	180
cttcatttga gtgttcattt gcgtccttta taaccagtaa aacaaagtac gctgttttct	240
tgagttttgt gagccctgta gcaaattatc aaacctgagt agggcagtgg gaactcggaa	300
tttatcacca ttcagaactg caggttgtcc ttgtgagtgg catctgatgt gggggaagtc	360
ttggactgag ccccttaact tgtggagtct gcactaattt agactgcact aactaacttg	420
cactgcacta acttggactg cactaacttg tggagtctgc actaacttg agaagttagt	480
gtcagaattg aattatagaa caccagttg ttcagaattg aattgtagaa ccccaattg	540
gtgtgggaga attagagaat ttatttgtgt cagaaaatac tccagaacaa ccacccata	600
ttatgattag ctcttttctt ttctttggct ctgagcttaa ttgtacatta agcaaaacta	660
agtagaaaag aaactgaata tgttaaatat attacaaca tatttggact tgcttaactt	720
aagattatng agatgatcag ttataaaacc ccc	753

<210> 2619

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 2619

ggnggntttt tanntncttn nctaantagg agctctngtt ctttttgcag gatcccatcg	60
attcgaattc ggcacgagat gcagtgtaac tggcaggagg ggagtgagaa ctacttgggt	120
agatgatcag gagatactct gcaagaggaa acatacagaa ggagcctgac atgagaaaac	180
tggggcagca gttttccagg aagaggggacc agcacagggtc caagttgaaa ctcagaatgg	240
aatttttagga aattatattc ttcattgatgg ttagatcctg tgggctatca tcaactgcagt	300
tcaacaatgt ggtgcctagt aggaagagtt ctcccaggaa ccctccacgt gtgctatggg	360
atttctgaga aaaccagttc tgagttctag gcagtggact cacagttgaa cttggaggga	420
accaagaatt gcttccatca tagccttact aagaaatgac catggcatgg cctgagtgtc	480
tcggcatgga ngaccagaan gggaagccct aatttgccag ttgcagactc ttgagccttg	540
tgactctaata gacgacnaaa attaggagat tttctaggac tcacgtttgc gattttgaga	600
gtagtgtctg tggggttcct gggttgggtt ctattgattg tttcatttgt tctgtgtgca	660
agttaccctt ttctaagctt aatttttaatt aatattatat taagtgaggt aattagatta	720
tatgaaccct aangettcct tttattctta accctta	757

<210> 2620

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 2620

nggaggtatt nnnnnnnntt tncnantagn nngctcttgt tctttttgca ggatcccatc	60
gattcgaatt cggcagcagg ctctgtgaca ccctttttgt gatcttcagt gctgttttta	120
tggttacacg actaggaatc tatccattct ggattctgaa cacgaccctc tttgagagtt	180
gggagataat cgggccttat gcttcattgt ggctcctcaa tggcctgctg ctgaccctac	240
agcttctgca tgtcatctgg tctacctaata ttgcacggat tgctttgaaa gccttgatca	300

ggggaaaggt	atcgaaggat	gatcgagctg	atgtggagag	cagctcagag	gaagaagatg	360
tgaccacctg	cacaaaaagt	ccctgtgaca	gtagctccag	caatggtgcc	aatcgggtga	420
atggtcacat	gggaggcagc	tactgggctg	aagagtaagg	tggttgctat	agggacttca	480
gcacacatgg	acttgtangg	ccactggcaa	catactcctc	ttggcccttc	ccatatctac	540
tcttctgtga	ttgggagact	gcaaggcact	gangagtatc	aaagaagcaa	atattttcac	600
tttgaaagaa	aactgccatt	ttgtatttaa	aaaaaaaaaa	aaaaaaaaac	tcgagcctnt	660
aaactatagt	gagtcgatta	cgtagatcca	gacatgataa	gatncattga	tgagtttgac	720
aaaccacact	agaatgcatg	gaaaaaatgc				750

<210> 2621

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 2621

gnnngnnnnn	ntangtggtt	ttaagnnntt	tttnaatgna	gctcttggtc	ttnttgcagg	60
atcccatcga	ttcgaattcg	gcacgagggg	actacagctg	tgtaccacca	caccggcctc	120
tcctggcttn	ttaaccactt	acattanaat	tgagaggana	aaggcagttg	acaggggntg	180
tantnaatna	ctngaacnca	ttcannagag	anttttntnc	ntggccntna	tnagtncnnc	240
tattcatcna	ntntaatgnt	gancnntacn	nttgntncaa	agccntnnca	atcntaaacg	300
ncatncttan	atangtatnn	tcctactgcn	gcatngagca	gntcatnaca	tcagatacag	360
attctcagca	tggaaaacaa	agctnggata	ctgtgtcant	gctgctctgt	ggcaaagaac	420
acctnccttt	ntaagnnaca	gcctcactct	actagaatan	gtcngagcgc	gccattcat	480
ggctgattgc	aacttccact	ggctgggata	cagatctaga	atntgtgttc	agatgcctta	540
cntaggaata	catnctaaca	cattcttaac	aggtttcaag	gggagatant	tnngcatagn	600
acgtagttta	tgtctnagtt	atatgtgtct	gcatctgntt	ttganggtaa	acggcttaac	660
ccnttantta	gggtngttta	nagaattgat	gngtaaataa	cnttgatgna	aaagtttcan	720
atggacnttt	nnantttgcc	ttnaanngtg	gatatnggtc	tattgcccna	ngggntaatn	780
nngaaatanc	g					791

<210> 2622

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2622

ngnggggntn	nnnnnnnnntt	ttcnaatgct	agctcttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagga	aaaaggaaag	atggatatgg	aagaaattat	tcagagaatt	120
gaaaacgttg	tcctagatgc	aaactgcagt	agagatgtaa	aacagatgct	cttgaagctt	180
gtagaactcc	ggtcaagtaa	ctggggcaga	gtccatgcaa	cttcaacata	tagagaagca	240
acaccagaaa	atgatactaa	ctactttatg	aatgaaccaa	cattttatac	atctgatggg	300
gttcctttca	ctgcagctga	tccagattac	caagagaaat	accaagaatt	acttgaaaga	360
gaggactttt	ttccagatta	tgaagaaaat	ggaacagatt	tatccggggc	tggatgatcca	420
tacttggtatg	atattgatga	tgagatggac	ccanagatag	aagaagctta	tgaaaagtgt	480
tgtttggaat	cagagcgtaa	gcgaaaacag	taaagttaaa	tttcagcata	tcagttttat	540
aaagcagttt	angtatgggtg	atttagcaga	acacaagaag	agcaagaaaa	tgtgtcacat	600

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ctataccaaa ttgaggatgt tgagttatgg tactaatgta tgcaacttta atttttgttta 660
acactatctg ncaaaaattaa actttattcc ctataacttt aaaatgngta tatatatatt 720
aatagtttat ttatgtacag gttnaattct actgggtttt ggcng 765

```

<210> 2623

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 2623

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ntnggnnnnn nttnnnnngt nggttttttag atcagctctt gttctttntg caggatccca 60
tcgattcgaa ttcggcacga ggattcattt ttgtactagt taatatcaac tctttctcag 120
aagtagtcaa aatataaata aaagttcttc aaaagtaacc caggagcaac agctgagcag 180
tgccagagtt gtgaggtaaa catcaatcat ttcacaaatg ttctgacttg ttgagcagtg 240
ttcattttcca ggtttcaaac ttaaagtatc tattaagcaa tcttaaaaga aagaacaccg 300
ccttaggaaa aaagagattt gccaaactct tcatacttcc ttcaataact gcttagcaaa 360
cactcttgag tgtcttctat gggcaatggg ctgtatccat agggatacag agatgaatga 420
acatgaactt ggaaaaaatt attatacaac acaaagtagg aaaacgggag acaaagcata 480
aagaaattag cggagggagg gattgtttga tgggaaggct tagggagtag gtgggatttg 540
aatttggggtc ttggatgggt aaagtaaggg agggcagcag ggtgggcggc aaaaagtggt 600
aggttacagt aagtagaatg gtcaatagcc tattttgact gaagtaaggg ttaaggcttg 660
ttgggagcct gatgatagat ggggatgctg taaactcact gggatgtttt ncaaagaga 720
accctttaa aactgcgtnn aggagcn 747

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<210> 2624

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 2624

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ggnggnnttn ttatntata cangtactt gttctttttg caggatccca tcgattcgaa 60
ttcggcacga gagagcgagt ctctctttgt tgcttaggtt tgtcttgaaa tcctgggttc 120
aagcaatect cctcctcag cctcccaaaa tgctgggatt acagggtgtga gccaccacac 180
ctggcctcta ctttcttata tttccttaaa tagatttcct ttcttttttg attaagaaaa 240
aataaacaga aaattaaaat ttgaacatat tataaaaaatg aaagataatt gtaaaatctt 300
ggtttgagga gtgtctctct gagcccagaa atcatccaga aaaatggaca gatttgactg 360
catcacattt aaaaacttta caatgatgaa aaatacaagt gaagctattc atacaataga 420
ttaggaccaa gtatttttaa catgtattat agacaaaaaa ttaccatcca aaatatagaa 480
ttgtacaaaa attttaaaaa catgggttaa aaatgggcat agggatataa cccggataat 540
tcacaggang gaaaaaaaat ncaaatggcc caataaacca tgaaaanggt ggttggttaag 600
gctgggggtt aagggtgggt tcacttccta ttanttttcc aaccactttt ggggaaagcc 660
caagggaaaa aagggtattgn actttgggga tcanggettc gaancctttt agaacctttt 720
ggtggagtcc gnanntancg tnngatccc gaccttggat aaggatccca ttgg 774

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<210> 2625

<211> 746

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2625

gnngggggnnn	nttttnnaag	gcgcgcntnt	tctaattnnna	gctctctttt	tgcaggatcc	60
catcgattcg	gaaaatggta	tctttcagat	ttctagaagt	tcaagtgtca	tacaacaaaa	120
caggaacccc	ctttactctt	atggacctca	tttcaatata	ctgtttacag	tttgatggaa	180
ttgtataatt	taatatttct	cttgactgtg	agtttatatt	tatttacaga	tttttttgta	240
ctgtgtgatt	tgaacttttt	gttccttgct	atgatcaatg	tttatgtagt	agagcactta	300
tgatcacaaa	ttaagttttt	tggtttgatt	gcactacatt	aaatttttta	atgcagttct	360
gatttttgac	tggactaaaa	ctgtgtctta	atgtatgtga	tgagtactta	aaattttaat	420
ccatgtggtc	cccccccttt	ttttttttgc	attgtatgnn	aaaagcgctt	ggctcttcgt	480
gcattgtgtan	tatntaatgg	taccattgn	ntagttgacc	atgacatttt	tgganaaaca	540
ttncagctgn	nanngttgngt	atggngctc	actggatgct	anactttttt	aaatncnaat	600
tnntntaaat	aanannnnnt	tnngaantan	tnntntntn	nnnncncnnn	nnancnntnn	660
nnccnttnnn	nntntnnnn	nngaactnnt	nnennnttcc	ctgntttann	nntnnnnntnn	720
atngcnnttt	ntacnccnct	tnntcc				746

<210> 2626
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 2626

gnngnnnnnt	ttatanatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	ctgggagtat	aggctgagtt	aggaagattg	cttgagcccg	gaaggcagaa	120
gttgacagtga	gccaagatcg	cgccactgca	ctcccaactg	gacgacaaag	cgagatactg	180
ggagtatagg	cattcgccac	cctgggcaac	atagcaagac	cctgtgtcta	caaaaaattt	240
aaaaaaaaatt	agcctgtagc	cctagctatg	caggagggtg	aggtgggaga	attgcttgaa	300
cccaggagtt	tgaggttaca	gcgagctgtg	atagcaccac	tgactccag	cctgggccac	360
agagcaagat	cgtacctctt	aaaaaaaaaa	agaaaaacac	aagcaaccaa	aaaaaaaaaa	420
nnnnnnnnnn	nnanaaaaaa	aaaaaactcg	agcctntaga	actatagtga	gtcgtattac	480
gtagatccag	acatgataag	atncattgat	gagtttgag	aaaccacact	agaatgcagt	540
gaaaaaaatg	ctttatttgt	gaaatttgng	atgctattgc	tttatttgta	accattntaa	600
gctgcaataa	acaagttaac	aacaccaatt	gcattcattt	tatgtttcag	gttcangggg	660
gaggttttgg	aagggttttt	aattcncggg	ccgcggggcc	aatgcattgg	gcccgggtacc	720
caattttt						728

<210> 2627
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)

<223> n = A,T,C or G

<400> 2627

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aattcggcac gagcagaagc acaggcaagg atcaatgccc ggcttcagca gtatcgtgcc      120
aaagcagaac tagctcgatc taccagaccc caggcctggg ttccaaggga aaaattgccc      180
agaccactca ccagcagtg ctcagctatt cgtaaaactta tgcggaaagc agaactcatg      240
gggatcagta cagatatctt tccagtggac aattcagata ctagttctag tgtggatgga      300
aggagaaaaac ataagcaacc agctctcact gcagattttg tgaattatta ttttgagaga      360
aatatgcgca tgattcaaat tcaggaaaat atggctgaac aaaagaatat aaaagataaa      420
ttagagaatg aacaagaaaa gcttcacgta gaataataa agctatgtga atctttagaa      480
gaactacaaa acctgaatgg aaaacttcga agtgaaggac aaggaatatg ggctttacta      540
ggcagaatca cagggcagct ttgaagatgc tttatgtgaa aagaatgtgt gtggcttgga      600
tcctaaagaa tgttttaaaa ggtgagaatt agtanticgc tntgggagga tcagcctttg      660
gtcctgttaa tagaagttga atatnccggc aattttgcga gcccacaagg nggagaaaaac      720
caagttaa                                           728

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<210> 2628

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 2628

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gngngncctt naaatcnng getacttggt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagga ggattagcca tgctgggggc tcttggacaa aaggctggta ctgattgaaa      120
aattccctga gtatgtctag aagtgtcagg ctctcttgga atcagttaca gtgggattgg      180
ctgcttaggt ataatcttta taagattaaa aattatagat tatttggcag cttgtttgaa      240
agtgttggtc ccaagaaaaa gttctgctgt gtgttatggc agaattatta aaaaaaatac      300
attcttaagt tgaggtttct aagtaggctt ttgtaaaaac aggcaattac ttgctggagg      360
cagttaattg catgcacaga tgggtacttg tgttacaaat tcctcatttg cacttgatgat      420
taccatttg caataattca tgaaacctag ggaattctta ggtacaagga aagggttttag      480
gcatttaaaa aacgtatcac taccatcaga ggagatggag aaaacaaaga gctaagtata      540
aagccttatt ccaaatgcta agttcagaga atattttctg aagctcgcgg ttgttgaagg      600
taagaggttt acttaagcta ttggttccat ggactctntt cactttnaaa aaaaaaannn      660
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tccnnaacnt g                                           731

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<210> 2629

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 2629

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cggcacgagg gggatatcct tgagaccacc ttgggaccag tgcttgcaag cagcgagata      120
tttccccagc aaaaccaggc agctgctaata taaatgctta gaaccaatga aagctggctg      180

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tggctectgcc	tgtgagctgc	ctactgctgc	cttctgaatg	catatatctg	ctactgtagc	240
cccgggttgt	caaactatgg	cctgtggggc	aaatccagcc	acagtcgggt	ctttaaagtt	300
ttatcgaaac	acaagcaatg	gaaatgcccc	tttccattgt	tgtctccagt	tgctctgctc	360
cgagggcagt	gttaagtgtg	gcagcagagg	ccccccatg	caaagctgaa	tatgtttact	420
atttgaactt	tttcagaagt	tctgcttaag	gacaaaataa	agcctaaatc	caagaacact	480
tttaaaaatg	aggaaatagt	gaacacaata	gacggaagtc	tggaagtttc	tacccatgcc	540
aagaaaagca	ttttatgttt	ggtcacatat	gttgtgcaat	tcaaattttt	ttccctatat	600
tctctgacta	gacacttgta	ctgagtcagt	tggcgagtg	gtctgtctaa	aagcccaatt	660
tcaaaatatc	acttttaaagg	catctttaca	tagtgggggt	taagaaaaaa	gttgttattc	720
agcaana						727

<210> 2630

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 2630

ggnggnngtn	nttcnaatgc	naggctactt	gttctttttg	caggatccca	tcgattegct	60
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agcttggtgt	gcccggtaac	catggtcctc	ttgctctgat	taacccttcc	ttcaatgggc	180
ttcttcaccc	agacaccaag	gtatgagatg	gccctgccaa	gtgtcggcct	ctcctgttaa	240
acaaaaacat	tctaaagcca	ttgttcttgc	ttcatggaca	agaggcagcc	ggagagagtg	300
ccaggggtgcc	ctgggtctgag	ctggcatccc	catgtcttct	gtgtccgagg	gcagcatggg	360
ttctcgtgca	gtgctcaaga	cacagcctgc	cctagtecta	ccagctcaca	gcagcacctg	420
ctctccttgg	cagctatggc	catgacaacc	ccagagaagc	agcttcaggg	accgagtcag	480
attctgtttt	ggctacatgc	ctctgccggg	tgccgggtatt	gaggcaccca	aggagctgnt	540
actggcgtgg	aaataggtga	tgctgctacc	tctgctgggt	nactcacaag	ccacacttga	600
tacacgatga	caccttgctt	ggttgggaaa	catnttaaac	atctagttna	tgacttgcag	660
gctgntggct	accagtttcc	tgtcttgaag	gggtaatatg	gttaactttc	gggancaggt	720
tggaatgtnn	g					731

<210> 2631

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2631

ggtgttatan	nnnnnnnttt	tcaaaganac	agctcttggt	ctttttgcag	gatcccatcg	60
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cggacttatt	ctttgaatag	ttggtattaa	ggtttctttt	gtaaaataag	agggtgtagt	180
atttttcaat	gcccttaatt	aacaaaatta	aaagtttgaa	aaccatatgt	tgattctccc	240
tcatttttaa	aaatttttgta	attccactgg	tccacaaaaa	tcccaattga	ggagagctct	300
gggaagagca	cattctgtca	atgggtctca	acattttggg	ctcaggacca	ctttacattc	360
ttatttagga	aatgacctaa	atgtctttca	actagtgaac	gaataaactg	gtacatctgt	420
gtaatggaat	actacttcac	aatcaaaagg	aatgtactat	tgatacacac	agctacatgg	480
gtgaagctca	aatgtattat	gctgaatgaa	agaagccaga	ctcaaaaagc	tgcttactgn	540

tatgtttctat	ttatatgaca	ttcttgaaat	gacactactt	agggatggat	aatagattag	600
tggttgccag	gagttggggt	agtggaaggg	gtttactaca	atggantggc	ataagggaaa	660
ttatttgggg	tgttgaaact	cttaattggg	ggntacataa	ttctatgcat	ttggcaaaaat	720
tcatggagct	gcacacccaa	aagagtgaat	ttnttcc			757

<210> 2632

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2632

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atgttccttc	tcacagcaaa	actccttgac	tgatcatttg	aagtcacccc	tctgtgtcct	180
cttgtgaaat	ggcttgggag	tctctgggct	ctgacttggc	catctgggaa	gagatggggg	240
agagggagtt	ggattataaa	tcattgctca	ctcagtcac	agaatgctac	tcaggcacta	300
aaaatgatgg	cgtagcccta	cgtattctga	catgggaaga	tgccacacaa	atcttattat	360
gtggaaaaaa	ctagttgcat	aggatttatg	gtttgattac	atcttagtaa	aataaattca	420
tttatgggtg	tatatgcaaa	gaaaaataa	tgccggggcg	agtggctcac	gcctgtaatc	480
ccagcacttt	gggaggctga	ggcagggtga	tcacttgagg	ccaggagggt	gagaccagcc	540
tgcccaacat	ggtaaaaacc	catttcatt	aaaaatacaa	aaattagcac	caagccgtgg	600
tggcacgtgc	ctgtagtccc	agctactcan	gangcttaan	atgggaaaac	ttgcnttgaa	660
cctggaaagg	tggaaagggt	gcgggtgaag	ccaagaatca	cgccanttgg	acttncggcc	720
tgggcttaca	agcccanact	tttgcttnaa	aaaaaaaaaa	a		761

<210> 2633

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 2633

naatngcnag	ctctngttct	tttncggatt	annaagcctt	agcaggcngg	gaagatgaaa	60
ggtagccgga	tcgagctggg	agatgtgaca	ccacacaata	ttaaacagtt	tnaaagattg	120
aatcagggtca	tctttccagt	cagctacaat	gacaagtcta	caaggatgtg	ctggagggtg	180
gcgagctagc	aaaacttgcc	tatttcaatg	atattgctgt	aggtgcagta	tgctgtaggg	240
tggatcattc	acagaatcag	aagagacttt	acatcatgac	actaggatgt	ctggcacctt	300
acccgaaggc	taggaatagg	aactaaaatg	ttaaactcatg	tcttaaacad	ctgtgaaaaa	360
gatgggtctt	tgacaacatt	tatctgcatg	tccagatcag	caatgagtcg	gcaattgact	420
tctacaggaa	gtttggcttt	gagattattg	agacaaagaa	gaactactat	aagaggatag	480
acccgcagat	gctcatgtgc	tgcaaaaaaa	cctcaaagtt	ccttctggca	gaatgcagat	540
gtgcaaaaga	cagacactga	caaattacaa	atgaactttc	ttgcacttgc	ttgtcgccca	600
ataaaagaga	ngcccattga	ttcttcccca	ccccaaaaaa	aaaaaaaaann	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnncc	nnnnnnnnnn	nnnnnnnnnn	720
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<210> 2634

<211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 2634

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aagctatttta	atggctcagac	acgatggctc	acgcctgtaa	tcccagcact	ttgggaggcc	180
gaggcaggcg	gatcacttga	ggtcaggagt	tcaagaccag	cctggccaac	atggcaaaac	240
ccagtctcta	ctgaatgaaa	atacaaaaat	tagctggcct	agcagttggt	ggtaggcagg	300
gcctgtagtc	ccagctactt	gggaggctga	ggcaggagaa	tcgcttgaat	ttgggaggcg	360
gagggttacag	tgaaccacac	tggcgccact	gcactccagc	ttgggtgata	gagtgcagact	420
ctatctcaaa	aaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	gtcgtattac	480
gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	tagaatgcag	540
tgaaaaaaat	gctttatttg	gtgaaatttg	tgatgctatt	gctttatttg	taaccattat	600
aagctgcant	aaacaagtta	acaaccanca	attgcattca	ttttatgttt	caagggtcaa	660
gggggaagg	tttggaagg	ttttttnaat	tcgcgggncc	gcggcgccna	tgcattg	717

<210> 2635
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 2635

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tccactgcac	ctgctgcgga	gtgggcacct	ttgcctgcaa	ggccttttnc	ccantgncca	120
atgggtanttt	aaccaggggt	tttgncnntt	aaggaggcct	tngtggtggg	tngttaatct	180
ggcctntccn	tattgaaaag	ctcctgttat	tgtccacaga	ccagaaggac	ttgtaacctt	240
ggccccacag	tctgacttng	gcttttcaag	caccacagaa	acttagaggg	aatcttatag	300
attccagaac	ttaaggatac	ctcaagggat	agggtcacag	ccaagaagtn	caaaggaatc	360
ttcagtctgg	aacaaaaaca	gaaccctttc	atgattgaca	aangtcactt	tctgtttgcc	420
tggaccaagc	tactncagat	catctgacca	actcttaaaa	atcacggcca	ggcacagtgg	480
ctcatgcctg	taatcccagc	actttgggaa	gcaaaaagtgg	caggatcatt	ncagcccaag	540
agttcaagac	cagcctgggc	aacacagtga	gtgagaccct	gctctattta	agaaaaatna	600
ttaagaaatt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	ttaacctcaa	660
tgaaccagcc	cctaacacag	atgangggat	ttgggactga	taagctctgt	gctgngtcca	720
tggcccgctca	nttatcaagg	ttgcactttt	aaatgnggta	tttttatgn		769

<210> 2636
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)

<223> n = A,T,C or G

<400> 2636

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atggtanttt	aaccaggggt	tttgncnntt	aaggaggcct	tngtggtggg	tngttaatct	180
ggccttccn	tattgaaaag	ctcctgttat	tgtccacaga	ccagaaggac	ttgtaacctt	240
ggtcccacag	tctgacttng	gcttttcaag	caccagaaa	acttagaggg	aatcttatag	300
attccagaac	ttaaggatac	ctcaagggat	agggtcacag	ccaagaagtn	caaaggaatc	360
ttcagtctgg	aacaaaaaca	gaaccttttc	atgattgaca	aangtcactt	tctgtttgcc	420
tggaccaagc	tactncagat	catctgacca	actcttaaaa	atcacggcca	ggcacagtgg	480
ctcatgcctg	taatcccagc	actttgggaa	gcaaaagtgg	caggatcatt	ncagcccaag	540
agttcaagac	cagcctgggc	aacacagtga	gtgagaccct	gctctattta	agaaaaatna	600
ttaagaaatt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	ttaacctcaa	660
tgaaccagcc	cctaacacag	atgangggat	ttgggactga	taagctctgt	gctgngtcca	720
tggcccgtca	nttatcaagg	ttgcactttt	aatgnggta	tttttatgn		769

<210> 2637

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2637

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ccaagcctcg	gcctccactg	cacctgctgc	ggagtggcac	ctttgcctgc	aaggcccttc	120
taccccatgg	cccaatgtca	tcttaacaag	gtctttggcc	acttcaagaa	ggccttgtgg	180
tgggttgcct	aatctggcct	ttccttcatg	aaaaactact	gnattatgtcc	acagaccaag	240
aaggaactgt	cacgctggta	ccacaagtct	gacttgggct	atcaacagcc	agaaaaacta	300
gaggaatctt	atagattcca	gaactcagga	tacctcaagg	ataggtcaca	agcaagagta	360
caaaggaatc	ttcagtactg	aacaaaacag	aacctttcat	gatttgacaa	aggtcacttt	420
ctggttgcc	ggaccaagct	actccagatc	atctgaccaa	ctcttaaaaa	tcacgggcag	480
gcacantggc	tcatgcctgt	aatccagcac	tttgggaagc	anaagtggca	ggatcattnc	540
agcccangag	ttcaagacca	gctgggcaac	acagtgaagt	agacctgtc	tctattttaag	600
aaaaaattat	taagaaattt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	660
ttaacctaaa	tgaaccaacc	cctacacaga	tgangggatt	tgggactgat	aactctgggc	720
tgggtccatg	gcccgctcatt	atcaagggtg	aactttgtaa	aggggctttt	tttatgt	777

<210> 2638

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2638

taananatnc	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
ccaagcctcg	gcctccactg	cacctgctgc	ggagtggcac	ctttgcctgc	aaggcccttc	120
taccccatgg	cccaatgtca	tcttaacaag	gtctttggcc	acttcaagaa	ggccttgtgg	180

tgggttgctc	aatctggcct	ttccttcatg	aaaaactact	gnttatgtcc	acagaccaag	240
aaggaactgt	cacgctggta	ccacaagtct	gacttgggct	atcaacagcc	agaaaaacta	300
gaggaatctt	atagattcca	gaactcagga	tacctcaagg	ataggtcaca	agcaagagta	360
caaaggaatc	ttcagtactg	aacaaaacag	aacccttcat	gatttgacaa	aggtcacttt	420
ctggttgcct	ggaccaagct	actccagatc	atctgaccaa	ctcttaaaaa	tcacgggcag	480
gcacantggc	tcatgcctgt	aatccagcac	tttgggaagc	anaagtggca	ggatcattnc	540
agcccangag	ttcaagacca	gctgggcaac	acagtgagtg	agaccctgtc	tctatttaag	600
aaaaaattat	taagaaattt	tattaaaaaa	gaagaatcag	gaaaccaagt	ncaaccaaac	660
ttaacctaaa	tgaaccaacc	cctacacaga	tgangggatt	tgggactgat	aactctgggc	720
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<210> 2639

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 2639

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atccttttct	acactgggct	tncattttct	acccaacaat	ggactggctc	ttcaaggtgc	180
tggcatttaa	attcccaaan	acttgncct	cttctgantt	ggggacctcc	ttcaaagntg	240
aattgcagtg	agtgacaata	aactgggcta	aatacttatc	ttgccagaag	actcaaaggg	300
nttaaggctt	ttactaactg	aactctatgc	tagaaggtaa	ggataaaaagg	gtaacaggac	360
acaagtcttg	cttaacttgc	tatgggctgt	caagccttat	caaactaacc	ctatctctct	420
tcacctctta	tctttatcac	ccgtagattc	cttgggtggcc	actgggttct	ttcaagcctt	480
aattagccct	ttgncactac	ctgnctacac	atgctggttt	tccgtctcat	tccatcttga	540
cattggctat	tttgaganct	caacttaatt	gcagaagaac	tggcttccca	tctggcaacc	600
catttatatgn	ggcaaaaagac	catgttgnac	catagagcta	gaccangtgc	catgggtggg	660
cttgnaaagn	attcaccaac	ttncaaaggt	tacctaaatc	cctttactca	agaagcctaa	720
ntntactgga	cagtgggaaa	aataaccnt	ttgggnataa	gnncccaaaa	aaaagnaag	779

<210> 2640

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 2640

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tgatagtgtg	ggatctggca	agaggagtca	aaatacgatc	ttatttcaat	atgattgaag	180
gccaaaggaca	tggcgcagta	tttgactgca	aatgctctcc	tgatgggtcag	cattttgcat	240
gcacagactc	tcatggacat	cttttaattt	ttggcttttg	gtccagtagc	aaatatgaca	300
agatagcaga	tcagatgttc	tttcatagt	attatcgcc	acttatcgt	gatgccaaca	360
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ttgatgttga	tggtaacct	catccatcaa	gatatcaaag	attagttcct	ggccgtgaaa	480
attgcaggga	ggagcaactc	atcctcaaat	gggagtactt	cctcaggact	gaatcaagtt	540

ttaagtcagc	aagcaaacca	ggagatcagc	ccactggaca	gcatgattca	aagactacaa	600
caggacaaga	cctgagacgt	tcttggtgaa	gcagggttaa	taatccaccg	ttaagtagan	660
gctccataag	tctacctcaa	aggtcattcc	caccaacgta	ggcttanacg	tatggacaaa	720
ttgaagtgtc	cgnaaatgcn	cagaacgccc	aagaaat			757

<210> 2641

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 2641

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atccttttct	acactgggct	tncattttct	acccaacaat	ggactgggtct	ttcaaggtgc	180
tggcatttaa	attcccaaan	acttggnccct	cttctgantt	ggggacctcc	ttcaaagntg	240
aattgcagtg	agtgacaata	aactgggcta	aatacttata	ttgccagaag	actcaaaggg	300
nttaaggctt	ttactaactg	aactctatgc	tagaaggtaa	ggataaaaagg	gtaacaggac	360
acaagtcttg	cttaacttgc	tatgggctgt	caagccttat	caaactaacc	ctatctctct	420
tcacctctta	tctttatcac	ccgtagattc	cttggtggcc	actgggttct	ttcaagcctt	480
aattagccct	ttgncactac	ctgnctacac	atgctgggtt	tccgtctcat	tccatcttga	540
cattggctat	tttgagantc	caacttaatt	gcagaagaac	tggttcccca	tctggcaacc	600
cattatatgn	ggcaaaaagac	catgttgnac	catagagcta	gaccangtgc	catgggtggg	660
cttgnaaagn	attcaccaac	ttncaaaagg	tacctaaatc	cctttactca	agaagcctaa	720
ntntactgga	cagtgggaaa	aataaccctt	ttggnataan	gnncccaaaa	aaaagnaag	779

<210> 2642

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 2642

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ggtagccgga	tcgagctggg	agatgtgaca	ccacacaata	ttaaacagtt	tnaaagattg	120
aatcaggtca	tctttccagt	cagctacaat	gacaagtcta	caaggatgtg	ctggaggttg	180
gcgagctagc	aaaacttgcc	tattttcaatg	atattgctgt	aggtgcagta	tgctgtaggg	240
tggatcattc	acagaatcag	aagagacttt	acatcatgac	actaggatgt	ctggcacctt	300
accggaaggc	taggaatagg	aactaaaatg	ttaaatacatg	tcttaaacad	ctgtgaaaaa	360
gatgggtctt	tgacaacatt	tatctgcatg	tccagatcag	caatgagtcg	gcaattgact	420
tctacaggaa	gtttggcttt	gagattattg	agacaaagaa	gaactactat	aagaggatag	480
accgcgagat	gctcatgtgc	tgcagaaaaa	cctcaaagtt	ccttctggca	gaatgcagat	540
gtgcaaaaaga	cagacactga	caaattacaa	atgaactttc	ttgcacttgc	ttgtcgccca	600
ataaaaagaga	ngcccattga	ttcttcccca	ccccaaaaaa	aaaaaaaaann	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	annnnnnccc	nnnnnnnnnn	nnncnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnngnn	nnan		764

<210> 2643

<211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (788)
 <223> n = A,T,C or G

<400> 2643

gnnttttgata	cccttttttga	ntgcctttttg	caggacnctc	gttcgaattc	ggcacgaggg	60
aacgcagctg	ctcaccagca	acggaacaaa	gctggaacnga	gaatgacttt	gaagagctga	120
gagaagggct	tcagaccgat	caaattactc	tgagcttacg	gggagggcca	ttcaaaccaa	180
agggcaaaga	aagtttgaaa	actttgaaaa	aaataaatgg	tcattaatta	aacgtggaaa	240
tctggtgaac	aagtaacaaa	ctttggtgaa	atttcaggac	catagccatt	gaagtggatg	300
agggaaacct	tatcatgcac	tcaacaatgg	tctttttacc	ctgggagctt	cacacaaaga	360
agaatcgccc	tgaaacctgg	ctatggaaaa	taccttagta	taaattcaga	tgaacttggt	420
gttggcgctt	agatgcaatt	ggccaagaga	acaatgggaa	ccagtctttc	aaaatgatgg	480
ccatncagta	atgagaatga	acagtcttca	actaaaggca	acaatntaga	tgaatctcgg	540
aaacatgata	ttgaccaaga	cagaaaagat	tcacttacat	aaacttcaaa	agaagataaa	600
actgatctat	gacattaata	gtcagaatat	tcattatcct	tgagggaaact	aaactgggaa	660
gccncatgat	agggcatttt	ggaagctagt	aatgnccctc	ttcttgatct	ggtacattgg	720
tgnggttatt	tcattagatt	tattgagctn	tacatttacc	accgngtcct	tggctctgga	780
tatgtttt						788

<210> 2644
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (800)
 <223> n = A,T,C or G

<400> 2644

nnnttttnnn	anatncagct	cttggttcttt	ttgcggatcc	tatcgattcg	aattcggcac	60
gagttcacca	atgacatgat	cttatagcga	ttctataaaa	acagaattat	taaccaaatt	120
cagcaaagtt	ggtcaaattc	caaaaattaac	cccagaaat	caggtgcttt	ctattatagt	180
actngccagg	tggaaccact	tcattggaang	gaaattagcc	aggttcattt	aaatngcatt	240
caaaaaggaa	ttnaaattcc	ttaggggaatt	aaccnaggga	nggtgaaaga	cttgggtcccc	300
agaaaactnc	caaaatattg	gttgggaagaa	attaaagaag	acataattaa	atggaaagac	360
atcctggtgt	tcaattatat	ccattttaaag	acacaattaa	atgggaagac	atctgtgttg	420
gaaagttaa	tattggtcac	atgtcagctc	acccaaagtg	gcatcagagg	caatgcaatc	480
ctattaacat	ccacagtgtt	tttttaggaa	atnttaaaac	ctatcacang	ccaggttcng	540
ttggtcatgc	ctgtaatccc	aatattttgc	caagcctagg	agttcaagac	cagcctgggc	600
aacatacgag	accctagctt	tacaacacac	caccaaagc	ccggtgtggt	agcacatgtc	660
tgtagtcaca	ggtcctttag	angttgaggc	aggaggatca	cttgagcccc	aagaatttga	720
ggcacagtgg	gctntntca	ggnttcttaa	ctccagctctn	ggtgacangg	ggaaaacctg	780
nggctagggt	taaaaaaaaa					800

<210> 2645
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 2645

gnnnttttnaa	aannncnagt	ttacttttgtt	anttttttgca	ggatcttatac	gatccgaatt	60
cggcacgagc	atggtaatcc	tgctcagtac	gagaaggaac	cgcaggttca	gacatttggt	120
gtatgtgctt	ggcttgagga	agccaatggg	gcgaaacctn	catctggtgg	ggaaggaaag	180
gaaggcaggg	ctggtgggtg	gggactgggg	taggggtatt	agtatcactc	ctggaagtgt	240
ccactggctt	cttagaaatc	taacccagaa	antagaaacc	taatttttta	aagggtgact	300
gggcaaaaaa	aaaaaaanna	annnatnnnn	annnnannan	nnnnnannna	nnnanacnnn	360
cnannatgna	ccntnnnnan	nntncnnnng	annnnnnnnc	annnnannca	tnгнаanttn	420
nnnnnnnnnt	gaaaaactnn	ngncctnaan	aaaatngnnn	nntntnnaat	nnnnnnncnn	480
tnnnntnnnn	nnnttgnnnn	nnnancnccn	nnnnnnnann	gnnnaaaaaa	aanttttttt	540
tnnaaannnn	naannnttnn	nnntaantnn	acannttttn	nnngnnnnna	naannnnnnc	600
ncanannatt	gnnttttttt	tnnnnnnnnn	nnnnnggggg	nnngngggga	ntnttttnna	660
nnnnngnnccc	cnngncntnn	nnttngggcc	cnnnnccnnt	tttttttncc	cnnttgggng	720
gnnnnttnnn	ccccnnnnnn	naaanngnnn	nnannnnnt	nnnnaaanaa	aanntnnnnn	780
nnnnaantnn	nnnnngnggg	ggnc				804

<210> 2646
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 2646

gnnttttnaa	nnnnnncagt	ntactngtng	tttttgcagg	atcctatcga	ttcgaattcg	60
gcacgagcga	gttttttttt	tttttttttc	ttcctctctt	tctctcttcc	ttcctccttc	120
cnttcctccg	ttcntccccc	cccntttttt	tggnannagg	gttttttttt	ngtgncnagg	180
nctggagtca	agggnccean	tnccngttaa	tnгаaccttg	acntcnnggg	ccnangnaat	240
cctttttaact	taancntcn	gnaaaacnggg	ncncngggcc	catncaacaa	aaccaagtta	300
ngattttttt	tttttaaaat	ttttgagcaa	caggggggatc	tcctgggggtg	gccccaaatgg	360
gcttaaaaact	cctggcttna	aatggatcct	ccggcntaag	cctnccaaag	gctaggattn	420
taagcntaag	ccaccacacc	cagcccattc	tttataatta	ctttatggtt	caaagcagct	480
tanggttact	ggnaaattgn	gaagaaattn	ccgagttcca	catctnccaa	ctttgcattt	540
ttacatgact	ggntttctct	attctataac	ctaataagca	tgcttttctc	acctnctac	600
tgaacttttt	actaatatat	tatctaattg	aaatgagcat	acccagtnca	tttactagaa	660
ttagatgtgg	gactcagaaa	taaatctgca	ggttgggttg	gaccaactnt	gggaaaagct	720
acctcaaatt	tgtggagggc	caaagnttgc	atttgcnctn	tactggaaca	nggggagna	779

<210> 2647
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 2647

agctcttggt	cttttgcagg	atcctatcga	ttcgcattng	gcacgagaaa	tattntgata	60
ctgtacccgt	tgtgtgtgcc	atgtgtgtgc	ttaaaacagg	gttccttttt	gtagcatcaa	120
gaatttgga	aaaccattct	ttatatcaaa	attggcncat	ctttgggang	aatgaatgaa	180
tgaaagaacc	ctggagtttt	caatcaaccc	atgccctctt	ggaaagaagg	gagaacncat	240
ttcttttttt	caacccaaag	aaccacttta	aaaaccttgg	tgtgtgggtg	atgaagttgg	300
gacaagcctc	ttctcccatt	ctggtttgcc	agatagctga	tctggccaat	gaagatctcc	360
acagttgtat	gtggcctgtg	gtaggggacc	ccgatcatct	ctgagaagtc	ctaagacatg	420
gacttgangt	gtcagaaatg	gctggttctg	agctacctgg	taccccaacg	cttgtctgga	480
cagtgcgtcg	acacattgaa	gatgagtttg	atgcctacat	cattgggtct	ttcgtgaatg	540
ccacccta	gttgtccatt	ggagaaactg	tagaagaagt	gactgactct	nggttcctgg	600
ggaccacccc	gacttggcct	gctncttatt	aggagatgat	gccttgggtg	aggctatnca	660
natgnattng	gnacatacna	gccgacaaga	aagtcaatga	atggnaaaac	cctggaagaa	720
aacaattgtg	aantgtgcaa	tggaaccanc	gaccagtggg	gaatggcctt	acaggangaa	780
aactggtntn	ttt					793

<210> 2648

<211> 843,

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 2648

tatnnnatnc	agctcttggt	ctttttgcgg	atccctcgat	tcgaattcgg	cacgaggaaa	60
gaccgagata	gagagagaga	cagagacaga	gagcgagacc	cgtggttccg	ggncagagaa	120
aggaggaacc	ccccngang	anganganga	nganggganc	cgtgattcac	cagtcccttc	180
caccaaagtg	tttttcaacc	agccgattga	aagaaccgat	tccaggattc	caggggaatt	240
ttgccnngaa	aaggaagggt	nttgaaccgt	naccaagaag	caaagttcga	ggaaaaaaag	300
gaaagaaccg	accatttgag	gaaaaggacc	gaccaccagg	ggagaaagaa	ggaaaccag	360
acnttaagtc	ttcttcgaaa	gttattagta	gacgtcgcca	tgaaagttga	agaaaggaga	420
ttgtcacagg	agaccaaacc	cnaaaaatct	aaaagaagcn	aagaagggaa	agaagcnggc	480
agtgagcctt	gcccttgaca	ggagagcccc	gaaactncac	cttgacagat	agcatgggtt	540
tngccttttg	tgtatattag	taccagaagt	agatactatn	aatcttggtg	tttttctgga	600
taatgtttaa	gaaattttacc	ttaaattctt	gtctggtttg	gtagtatgaa	aagttaactt	660
ttttttccaa	attaaagagt	gaatttttca	ttgttaagtt	naaaatcttt	gncttgtnt	720
atttcaaaaa	ttaaaagacc	gcaatgactt	tntnttccaa	aaaaaaaaaa	aaaaaactng	780
ggccttttaa	cttttgtgag	tcgtnttacg	tanatccnga	cttggttagga	tccttggttg	840
agt						843

<210> 2649

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2649

tanacancag	ctcttggtct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgaggggg	60
cggagggcgg	agaggcgagc	tcgcgatgag	tggtctcggc	aggctcttcg	ggaaggggaa	120

gaaggagaaa	gggccaaccc	ctgaagaagc	aatacagaaa	ctgaaggaga	cagagaagat	180
actgatcaag	aaacaggaat	ttttggagca	gaagattcaa	caggagctac	aaacagccaa	240
gaagtatggg	accaagaata	agagagctgc	cctacaggct	ttgccggagga	agaaaagatt	300
cgaacagcag	ctggcacaaa	ctgacgggac	attatccacc	ctggagtttc	agcgtgaggc	360
cattgagaat	gccactacca	atgcagaagt	ccttcgtacc	atggagcttg	ctgccc aaag	420
catgaagaag	gcctaccagg	acatggacat	tgacaaggta	gatgaactga	tgactgacat	480
cacggaacaa	caggaggtgg	cccagcagat	ctcagatgcc	atttctcggc	ctatgggctt	540
tagagatgat	gtggatgagg	atgaactgct	ggaggagcta	gaggagctgg	agcaggagga	600
attggccccag	gagttgttaa	atgtgggcga	caagggaagaa	gaaccctcag	tcaaattgcc	660
tagtgtacct	tctactcatc	tgccggcagg	gccagcttcc	aaagtggatg	aagatgaaga	720
acactaaagc	agttggctga	atgggtatcc	tgataaatct	gggcttgtct	tncta	775

<210> 2650

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(879)

<223> n = A,T,C or G

<400> 2650

gngngnnnnn	ttnnnnnagn	nnnnnnngnn	nggtttngat	cagctcttgt	cttttgcagg	60
atcccatcga	ttcgaattcg	gcacgaggtt	gtattggaaa	gcagtagtgt	ggacgaattg	120
cgagagaact	tagtggaat	cagtgggatt	cctttggatg	atattgaatt	tgctaagggt	180
agaggancat	ttccctgtgg	atattctggt	ccttngntnt	tcatccanga	atttaanaac	240
tgggaattcc	taaaagtttt	cttaccctt	gaaatggctn	tgggcccctc	tttttaataa	300
tcttggtgga	atggaatggg	ttgcccgggt	ccantaattt	tttaattang	ggggatttaa	360
aaaaccaaga	aangnaaatt	ttaaattnggg	aaaattttgga	accaggaatg	gaagcccaaa	420
angaaaaatt	ggaaacctgg	gattgnaaaa	aaaanggaaa	aagnccagtt	ccgaactttc	480
ccagaaaaga	acntggggac	canttcgggg	gttaaccant	accttcaacc	ntcgggttaa	540
aggaggaaaa	ggccacctta	aaaaaantat	tantcttggg	attggaagcc	accccaaaant	600
taaaggaatc	tggacntcaa	ggactggacc	tctggatagg	tggtagccat	tttnccctgg	660
ggggaagttt	ttggttttaa	ttagatggnt	cacttccact	gggtagtgcc	attttgggncc	720
ggacatgggt	ggggtaccca	tgaccacac	tgatggactg	cctacccatc	agaactcatg	780
cccaatggcc	ctggtttgac	tccgatcatg	ttggcctata	gtcaaagtgc	tgtaagtga	840
anggatgtgc	aaaaataaaa	aaaccccaaa	aagctccna			879

<210> 2651

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 2651

cagctcttgc	ntttatgccg	atccctcgat	tccaattcgg	cacgaggaga	cgtcgtctct	60
acaaaaaata	aaattagcca	ggcatgatgg	cctgtacctg	tagtcccagc	tactcaggag	120
gttgataggg	gaggatcacc	tgagcctgcg	aggtcgaggt	tgacagcaagc	caagatcatg	180
ccactgtact	tcagcctggg	cgatagagac	cctgactcaa	aacaaagaag	accaggtaca	240
agttcagtg	tgagtgctaa	agacttaaaa	gagttataaa	gctgaaccct	taatcttaag	300
aggtttataa	gtgagaacaa	gaatctccaa	atcctgtact	gtttaatatc	agcatgagac	360

taaaccactg	tcctaagaag	acaaccttaa	tttgaatcaa	gttatttttag	agtgatgtgt	420
tttctgaggc	agctctcaga	angttattgt	ctgggtgttaa	aatagtga	ttgagtaata	480
acaagggttaa	aatcgggtgga	cattaaatac	acacaagact	tcaattgctg	ggctcctccat	540
tgattaatga	aaaaatgatt	gtttttggaa	tttgagtga	acacttctta	atggctgagt	600
anggtggctt	acgcctgtaa	tcccaccact	ttgggatcac	tttgaggccg	ggacttttga	660
gaccagcttg	gncaacatga	ggaaagcacg	tctttctaaa	aatcn		705

<210> 2652

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 2652

ttnaatcatg	ctcttgtttc	naancgntgn	catcgattcg	aattcgcacg	aggtgggtctt	60
cagtctgtcg	tgacccgatg	agaactctcc	ttattgctgt	gaagggcaga	caatgcatgg	120
ctgatctact	ctgttaccaa	tggtcttact	agtgcacagt	cccccggtct	aggatcgaaa	180
tgtaaacacc	gggagctctc	caggccaccc	acccggagag	acgtcgcgct	gtggcctgaa	240
gtggcgcaag	cttgctttgt	aaatatctgt	ggtcccgatg	tagtgccag	aacgtttgtg	300
cgaggcagct	ctgcgcccgg	gttccagccc	gagcctcgcc	gggtcgcgct	ttcggagtgc	360
ttgtgacagt	ccttgcccag	tatctagtcc	cgtcgcgcc	gtgcaggaga	cgtaggtagg	420
acgtcgtgtc	agctgtgcac	tgacggccag	tctccgagct	gtgcgtttgt	atcgccactg	480
tatttgtgta	ctttaacaat	cgtgtaaata	ataaattcat	aatgacttct	acctttaaaa	540
aaaaaaaaann	nnntnnnnnn	nnnnnnnnnn	nnnnnnngnn	nnnnnnnnnn	naaaaaaaaa	600
cctngnnaac	nggatgccac	cctggggcna	cgaattttcc	tgccaatgtt	gctcactngg	660
gggacnncct	ggaaggactn	ttttggggnc	ccncanaatt	aaaccttgn		709

<210> 2653

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2653

tgntntnttn	aattatgctc	tcgccttcna	atngntngnn	tcnattcgaa	ttcggcacga	60
ggagaagctg	accttggaac	tgacggtgct	cctgggtgtg	ctgcaggggc	aacagcagag	120
cctacagcag	ggggcacact	ccaccggctc	cagccgcctg	cacgacctct	actggcaggc	180
catgaaaacc	ctgggagtc	agcgccccaa	gttgagagaag	aaggatgcca	aggagatccc	240
cagtgccacc	cagagcccca	tcagtaagaa	gcggaagaaa	aagggattct	tgccagagac	300
gaagaagcgc	aagaaacgca	agtcagagga	tggcacgcca	gcggaggatg	gcacacctgc	360
agccaccggc	gggagccagc	cccccagcat	gggcaggaag	aagaggaaca	ggacaaaggc	420
taagggtcca	gccaggcaa	acgggacgcc	aaccaccaag	agtccagccc	ctggcgcccc	480
caccgcggagc	cccagcaccc	ctgccaatc	cccaaaactt	gcagaagaaa	aaccagaagc	540
cgtnccaggt	gaatggtgct	cccgggtccc	ccacggaacc	ttgcaggcca	aaagcagcat	600
cagaaggctc	ttcccaaaaa	gggggtcttt	gggcaaatca	ccacttgtcc	cgcgcttggc	660
accggaaaaa	nggcaagggc	ttgtcttttg	gtcattcang	gagttccagc	cctgcnttca	720
aaaatggggg	cccaanaaat					740

<210> 2654
 <211> 780
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 2654
 ttttncaaca gctggctact cgttctnttt gcaggatccc atcgattcga attcggcacg 60
 aggacagtac ctttcccccc cttttcatgg cccattttat tgtctgcctt tcagtactaa 120
 gtatgaccgt tcctatctca gatcttaata aaaagaaaaa aaaaacgcat tcagggttaaa 180
 tttggcctta atttaatatata cttgttagca agcgtgtgtg acagagagtg gggaaagcta 240
 catcattgaa tatttttgata aactttaccg acttgagttt ggtttatttt tcccttttcc 300
 taaattaact agcactgact gtaattttatt tccctgtttc acgtctctcc cttccattct 360
 gcaggagttt tagctatttg agatcgtgga ccatcagttt tgcacttttag agagtgtttc 420
 tgactctaaa cctgtttttat cagaaaattht gttttttctt gatcttagct ggaaaaatct 480
 gccaaactta cacagtattt acttggtttt gacccacaga atatagcacg ttgtgcaaac 540
 tgtcgattca gcgaaactta naaaagacaa gaaactactg aggagcttag taactgctgt 600
 ttctgtacgt agtgtttaat cttccaagca catctagtgt ctgtcagttt ctaattggca 660
 tgtgtaggct gctctgtgac tgaagaattht tcaaaccagc ttacaccct tcaggaaaaa 720
 atcccttggtg attggatggt tactatcngc cnnгааactg gtactcaaga tgttngaacg 780

<210> 2655
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 2655
 ntttgaaacc ctttggtact tgnctttttt gcaggatccc tcgattcggt tcagcccttt 60
 gccgccaggg ccaaaggtgg aaagtgattt ggaagagnaa gagcttttcg tccaccagaa 120
 aaattggtcc naaattaanc ttgnaaggga ngnaatttgg gaanttgcg caaggcnaaa 180
 agcnttactt ttannngntt aatcaantan gnttgccct tccngaaagt aaattttaat 240
 ggcttaaagg gggtancagn cccaanaaag ggtnnnggga agcaantccc agcncancc 300
 agggccagtt aaggcctttg gtgaactgtg ctattagggc ccagcttccg gtacctgta 360
 gggtcccaag gcctggctta agcagatcct tgatcgatat accttgagan cagaagggtg 420
 tccnaatnac accgtccaat aggggatcta ggacaatctt ggagatccat gccttgctgt 480
 gttgctgatt cttactgggg actgtagatg aaagggtggaa agatnactta gcacatcttn 540
 aaactatggg aagncattct ttctgcttgt angatttgtc ntgttttgga aancctttaa 600
 cgtggntnaa ccctatgttn ggaattatct gctttatggn agcaataccc tnttttaaga 660
 atttgaattn ancccgaag ttatggccgg taacttaaat tgggttaaacc tgggcttata 720
 accccaaggc ccgggttcaa cn 742

<210> 2656
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2656

ttgcnancgn	tgccctactc	gttctntntg	caggcatccc	atcgattcga	attcggcacg	60
aggtttagctc	gaggggcaaa	taaagagcac	aggaatgttt	ctgattacac	acctctaagt	120
ctggctgctt	ctggtggcta	tgtgaacatc	atcaaaatat	tactaaatgc	aggagctgag	180
attaactcta	gaactggtag	caaattgggc	atctctcctc	tgatgttagc	agctatgaat	240
gggcatacag	ctgctgttaa	gctcctgtta	gacatgggct	ctgacataaa	tgctcagata	300
gaaaccaatc	ggaacactgc	ccttacttta	gcctgcttcc	aaggaagaac	tgaagtgggt	360
agtcttctgc	ttgatagaaa	agcaaagtgt	gaacacagag	ctaagactgg	tctcacacca	420
ctaattggaag	ctgcctctgg	tggatatgcg	gaggtgggccc	gagttctttt	ggataaaggt	480
gctgatgtta	atgcccctcc	agttccctcc	tcaagagata	cagctttaac	catagcagca	540
gataaagggc	attacaaatt	ctgtgagctt	cttattggca	ggggagctca	tattgatgta	600
cgtaacaaga	aggggaacac	tccattgtgg	ctagcagcaa	atggtggaca	cctcgatgtg	660
gttcagttac	tggtgcaaag	caggtgcaga	tgtggatgca	gcagataacc	gcaagataac	720
tcctcttatg	gcagcattta	gaaaggggtca	tgttgaangt	gggtgcgcct	actttagtca	780
aagaan						786

<210> 2657
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 2657

ttnaaantat	cgaaactctt	tggacttttc	gnacgctttg	caggatccca	tcgattcggn	60
ccacttnccg	cgtngccatg	gnggcgnaac	actactantt	cccgtcgcag	ctnctgccgt	120
nagagcntgt	ggacaantgt	ataggatcaa	gaattcacat	ccngatgaac	agtgatnang	180
aaatngntgg	tactctccta	cgatntgatg	actttgnnnn	tatggtnctg	gaagangtnn	240
ctgagnttga	aatcacaccn	catgaanaan	gatgctaaat	tanancacat	ntngctnaat	300
ggaaataata	taacaatgct	ggttcctgga	gganannnac	ctganntgtg	aatgagttnc	360
cttgacttac	actagatttt	gttttggtct	atnatgacaa	naaaatggga	ttttttttcc	420
cactttctaa	tgnttaaate	ccatanagct	aagttncctg	nttaagggaa	gtgctntgaa	480
gatgtgtacc	catcnttgn	agttaancat	gattatcctg	gaaaaagaan	aaaatanctt	540
cttctttgca	gatgaaaata	aaggtgtttt	tggttaactg	tcnaanaann	nnnantgccc	600
tnaaaaagag	ttgnnggggg	gcntgactct	tataaaatgg	atttaatnaa	actgtncnan	660
angcctcccc	cccttaaaan	ntttggggcg	tgtnnttccc	ttangncccc	caaaaannntn	720
nnannccctt	tntgggattt	tnggcccaaa	ccccccctt	tgaaagggnn	gggaaaaaaa	780
cttntttttt	tttgggaaaa	tttgtgn				807

<210> 2658
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 2658

tntacataca	ggctacttgt	tcttttttgc	ggatcccatc	gatttcgtggc	tggtattata	60
ggtgcacacc	accacaccca	actagttttt	tgtgttttta	gtagagatgg	ggtttcatga	120
tgttggccaa	gctgggtctg	agctcctgac	cccaggtgat	ccacccacct	cggcctccca	180
gggtgctgga	attataggcg	tgagccactg	cgcacggcct	ggggagggtt	tatttcttga	240
caaagggtatt	tgatactcgt	gcagaccctg	gaggggtctca	ctggagagac	aacatttagg	300
ctgagatctg	attaacagga	ggcagctgca	gtgcagagggt	caaaagggag	ggtgttccag	360
gcagagaaaa	cagcctgtgc	aaaggccctg	aggcagaaac	aaactctact	tgaggtcagc	420
ctggtttagaa	aacccaactc	aaaatagaaa	gtattacatg	ataagggtctg	agatcagaac	480
ccaagtctgc	acttcctagt	cacgttctcc	ctgtagtgtc	aagcccagag	acctgagctg	540
ttaacctaga	acagtgtgct	tcctaagcct	taatgtgcat	acccatcgcc	tggagctcgc	600
cttaagatgt	aggctctgcc	tgaagcccaa	gttcatttag	tatgtcatgg	ttaattcaga	660
gtaaaatcaa	gagttagtac	ttgatttatg	cttggtatat	aaagaaagag	acaacttcac	720
tgnatgatca	ttttgtcact	tttcaaaagc	atttaattcc	attcaattgg	aaatgtg	777

<210> 2659

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 2659

naaacnnc	gctacttgtt	ctttttgcag	gatcccatcg	attcgccgaa	gaaatataac	60
acattttgga	cctacaactc	ttagatcaac	tcttgccctat	gggatgctca	ggctctgtga	120
tcctctacct	tatgatataa	tagtcgatcc	aatgtgtgga	actggggcaa	taccaataga	180
ggggggccact	gaatgggtctg	actgcttcca	tattgctgggt	gataataatc	cactggctgt	240
gaatagagca	gcaaataaca	ttgcatcttt	attgaccaag	agccaaatta	aagaaggcaa	300
accctcctgg	ggcttgccca	tagatgctgt	tcagtgggat	atctgcaatc	tgccattgag	360
aactggctct	gtggatatta	ttgtaacaga	tttgccattt	ggaaaaagga	tgggatccaa	420
gaaaagaaac	tggaaccttt	atccagcttg	cctacgggag	atgagccgtg	tctgcacacc	480
taccacaggc	cgagctgtac	tacttactca	agacacaaaa	tgctttacca	aggcggtatc	540
tggaatgcga	cacgtatggc	gaaagggtgga	tacagtctgg	gtgaacgttg	gtgggtcttcg	600
tgctgcagtt	tacgttctga	tacgtacacc	tcaagctttt	gttcatectt	cagaacaaga	660
cggagaaaga	ggaactcttt	ggcaatgcaa	agaatgaaga	tgactaatag	tacttgnact	720
tnccaccact	ggaaatgtta	gcataaaaga	acttgagagag	gaaaaaagtn	ttac	774

<210> 2660

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2660

taaacctnca	gctacttgtt	ctttttgcag	gatcccatcg	attcgaatc	ggcacgaggc	60
agtgaactgcc	ttcggtcttt	tttctgctga	ctaagatctc	ctatagagag	ctacaacaat	120
gccccaaaaga	aaggctgcag	gtcaagggtga	tatgaggcag	gagccaaaga	gaagatctgc	180
caggttgtct	gctatgcttg	tgccagttac	accagaagtg	aagcctaaaa	gaacatcaag	240
ttcaaggaaa	atgaagacna	aaagtgatat	gatggaagaa	aacatngatt	cnagtgcccn	300

ancnnttgnt	nnaacccanc	cagaagccat	tngtnnanaa	ganntccatn	gaaannnnnta	360
aaantggaga	agccaaantt	ncagaggcac	cagcttntga	aaaagaantt	gtggaagtaa	420
aagaggaaan	tattgaanat	gccacagaaa	agggaggaga	aangaaagaa	gcagtggcag	480
cagaagtaaa	aaatgaagaa	gaagatcaga	angaagatga	ngaagatcaa	aacgaagana	540
agggaaactc	tggaananaa	cacagatntg	aaaagggnga	aaaatatgga	anagggttta	600
aatgnggatg	tgaaaaggga	aaatangcaa	gagananaga	atttggaaaa	aangngtgaa	660
cccnggaaag	gggatttngg	aaaatttttg	aaaaaaaaan	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnaa	aaaaaaaaacg	cccttttaaa	nacnttttgg	gggggntcnt	tttttcccgn	780
aannncccca	nacctttgan	taangaatnc	cnttc			815

<210> 2661

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 2661

taaacctnca	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggc	60
agtgactgcc	ttcggtcttt	tttctgctga	ctaagatctc	ctatagagag	ctacaacaat	120
gcccaaaaga	aaggctgcag	gtcaagggtga	tatgaggcag	gagccaaaga	gaagatctgc	180
caggttgctc	gctatgcttg	tgccagttac	accagaagtg	aagcctaaaa	gaacatcaag	240
ttcaaggaaa	atgaagacna	aaagtgatat	gatggaagaa	aacatngatt	cnagtgcccn	300
ancnnttgnt	nnaacccanc	cagaagccat	tngtnnanaa	ganntccatn	gaaannnnnta	360
aaantggaga	agccaaantt	ncagaggcac	cagcttntga	aaaagaantt	gtggaagtaa	420
aagaggaaan	tattgaanat	gccacagaaa	agggaggaga	aangaaagaa	gcagtggcag	480
cagaagtaaa	aaatgaagaa	gaagatcaga	angaagatga	ngaagatcaa	aacgaagana	540
agggaaactc	tggaananaa	cacagatntg	aaaagggnga	aaaatatgga	anagggttta	600
aatgnggatg	tgaaaaggga	aaatangcaa	gagananaga	atttggaaaa	aangngtgaa	660
cccnggaaag	gggatttngg	aaaatttttg	aaaaaaaaan	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnaa	aaaaaaaaacg	cccttttaaa	nacnttttgg	gggggntcnt	tttttcccgn	780
aannncccca	nacctttgan	taangaatnc	cnttc			815

<210> 2662

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 2662

gtngggntnn	nnnttttgna	aacctnnngc	tattgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggggtga	ctggaatcgc	ttgaaccggg	gaggcggagg	ttgtagttag	120
ctgagatcgt	gccactgcac	cccagcttgg	gcaacagagc	aaaactctgt	ctttaaaaaa	180
aaaaaacaaa	aaaaccaaac	aaacaaacaa	aaaaaacctt	atatgggctg	ggctgggcgt	240
ggtgccttat	gccacaaatc	ccagcattht	gggaggccag	gatgggagga	tcacttgagc	300
ccagaagttt	gagaccagcc	tgggctacag	agtaaggccc	catntctaca	aaaaaacctt	360
aaaaatttagc	caggtgtggt	ggcacgcact	gtgggtcccag	ctgtaccaga	ggctgaanca	420
ggaggatccc	ttgagcccan	naggtcaagg	ctgcagttag	ccatatctac	accactgcac	480
tccagcctgg	gcaacagcct	gtctcaaaaa	ctaaactaaa	aaccttatat	gtntttgtta	540

gaatnaaatt	agatatataca	aaagaggggc	cgggcagggt	ggctcacgcc	tgtaatccca	600
gcacttttggg	angetgangc	aggtgaatta	cttgagggtca	tngagttccg	agaccagcct	660
gaccaacatg	gngaaaaccc	tgtctatact	aaaatntaca	aaaatcagtc	tancgttggn	720
nggtggggcgc	cttgtaattc	ccancatttc	tggcaggctn	angcaangat	aattgnttcn	780
atcccgggaa	ggcaataggt	ttccc				805

<210> 2663

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 2663

tcaacagctg	gctactcgtn	ctntntgcag	gcatcccatc	gattcgaatt	cggcacgaga	60
gttttctctgt	gattagtgtt	tttgggtgtt	ttttattttt	tttcttacag	gaactcttgc	120
aagaagaaaag	gactatgagt	tcaacttttag	agggagccat	ggggactaaa	caaaattctg	180
aggccccctc	aaccatctaa	atggacttcc	ttctgggcca	ggacactcga	aaatttaaacc	240
tgaaagactg	gttcaggcca	tgatgggaag	tgggagtcga	acatgcctca	tcataccctc	300
cagcattaac	atcaacacag	accttaaggc	tgataagaag	catttacaat	ctattctctc	360
tgaagtcttc	tacctggagg	cttcatctgc	atgataaaaac	tttgggtctcc	acaacctctt	420
acaacccagg	cattcctttc	tatcgataat	tactctttca	accaattgcc	aatcagaaaa	480
ttgtttatatc	tacctataat	ctagaagccc	ccacatcaag	ttgttttgcc	tttctggaca	540
ggaccaatgt	atatcttaaa	tgatatntgat	tgatctctca	tgtctcccta	aaatgtataa	600
aaccacgctg	ttccccgacc	acctggagca	catgttctca	gggtctcctg	anggctgtgc	660
acaggccatg	ttcacttaca	tttgggtcag	aataaatctc	ttcanataan	aaaaaanccc	720
ccnccncccc	cccccnacc	cacaaaaaac	ctcngccctt	taaaactttt	gngggngcg	778

<210> 2664

<211> 961

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(961)

<223> n = A,T,C or G

<400> 2664

gnattccgta	aacgtacngt	gttctttttt	caggatccca	tcgattcgtt	tttaatagtc	60
attccaaata	tgagatgcat	tgttacagga	agtccttgc	catcctaaaa	gccacccac	120
ttctctctaa	ggagaatggc	ccagtcctct	cccaagtcca	cacaggggag	gtgatagcat	180
tacataattt	acacgaaagc	aatgctatca	cctnncnagn	gtggacttgg	gagngggnng	240
cttngnttnc	nnttgagtga	tgannentcn	nnnnncncnt	ncntcttnt	tngnncenna	300
ncttgcattn	ntnnnnngctt	cnnentnct	nnngaccgnnn	ngnnnnncnc	ccnnncttec	360
nntncnnnt	tnntncnnnc	cnntnnnacn	nacnnncncn	cttannnnncn	ccnncnnnnn	420
ncnnnnnnnc	ccnnnnnnnc	ccnnnnnnnc	tnccnnnnnn	ccntctnnncn	nannnnnnnt	480
nnntncnnnn	nnnctnnnnn	nnnnnnntcn	nnnnnnnnnn	nnccnnnnnn	nnnncnnnnn	540
ncnntnnnnn	cnnncnnncn	ncnnnnntc	nnncnnnnnn	cnnnnncnnn	nnnnnnnnnn	600
nnnnntcnnn	ncnnnnnnnn	nnnnnnnnnn	nannnnncnt	nnnnncnnnn	ccnncnnnnn	660
nnnnnnnnnn	nntcnnnnnn	nnnnnnnnnn	ncnnnnnnnn	ncnnnnnnncn	nctcnnnnnn	720
nannnnnnnn	nnnnnnnnnc	nnnnnnntn	nntncnnnnn	nnnnnnnnnn	nnccccnnnn	780
tnnntcnnnn	nnnnncnnnc	nnctnnnnntc	nntntntntec	ncttctnttt	ncnncnnnnn	840

tctnttctntn nnnctntctn cnnncccnnc	tatecnatnn tnctntctnn cctnccnccc	900
ncnnntntnn ctcnncate ntcnncnate	tnnctccnn annttncnt nttnccccc	960
g		961

<210> 2665

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 2665

aattttcaag ctcttgtttt ttatgcagga	tcccatcgat tcgctgggtct ccaacctggt	60
ctcctgggct caagcgatcc gcccgcctcg	gcctcccaca gtgctgggat tccaggcgtg	120
agctaccgcg cccggcctat ttacttttct	tactaagctg gggatcaccg tcgcccctcg	180
cttggcagga aggcgggggt gcaagaagaa	aagaggtaca gaacaccag aggtgccctc	240
gattccgtct tgcacttgcc cttctcccac	cgtccagcaa taaagcgaga gaaacaagtg	300
caggaaaactg gccggcagtc atgggagaag	caaaaaagac aggagttcag tggcatgacc	360
agggtcact gcaaccttga tctgggctca	agtgatcctc ctacctcaac ttcctgagta	420
gctaggacca caggtgtgca ccaaccacac	ccgactaatt tttgtagaga tgagatccca	480
ctatgttacc caggttggtc ttgaactcct	gggctcaagt gatcatcctg ccttggtctt	540
ccaaagtact gggattatan gcttgagcca	cccgtgcctg gcctgtgatc aaaattctca	600
tttttttagt cactaaaaat gctggggggc	actccattct ncattatgtg attagttcac	660
attgcatgct tgtatcaaaa cattatatnt	tcccccncaa atttntncca aaaactttta	720
aattttaagt atttaattgg ttcaggaaaa	aaataaaatg ctgggggggc tgaaatctca	780
angggcccat		790

<210> 2666

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 2666

tttaaancctt tcatttanag ccttttgcag	gatcccatcg attcgaattc ggcacgaggt	60
ttgtgcatca cttggtcacc attgggctta	tctccttctn ctacatcaac aatatgggtc	120
gagtgggaac tctgatcatg tgtctacatg	atgtctcaga tttcttgctg gaggcagcca	180
aactggccaa ttatgccaa tatcagcggc	tctgtgacac cctttttgtg atcttcagt	240
ctgtttttat ggttacacga ctaggaatct	atccattctg gattctgaac acnacctct	300
ttgagagttg ggagataatc gggccttatg	cttcatgggtg gctcctcaat ggctgtgc	360
tgacctaca gcttctgcat gtcattctggt	cctacctaat tgcacggatt gctttgaaag	420
ccttgatcag gggaaaggta tcgaaggatg	atcgcagtga tgtggagagc agctcaaagg	480
aagaagatgt gaccacctgc aaaaaaagtc	cctgtgacag tagctccagc aatgggtgcca	540
atcgggtgaa tggtcacatg ggaggcanct	actgggctga anantaaggt ggttgctata	600
gggacttcag cacacatgga cttgtanggc	cctggcaaca tactcctctt ggcccttcca	660
tatctactct tntgtgaatg ggagactgca	angcactgan ggagtatcaa aagaagcaaa	720
ttttttcact tttgaaagaa aactgncatt	ttgtntttta tagcctccaa gttcntttt	779

<210> 2667

<211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 2667

tatnntatca	agctcttgtt	cttttgcagg	atccctcgat	tcgagaaaat	gtgggatcaa	60
gaaaaggacc	atttgaaaaa	gttcaatgag	ttgatggtta	tggttcagggt	ccggccaaca	120
gttctgatgc	ccttgtggaa	cgtgctgggg	tttgcactgg	gggcggggac	cgcttctgctc	180
gggaaggaag	gtgccatggc	ctgcaccgtg	gcggtggaag	agagcatagc	acatcactac	240
aacaaccaga	tcaggacgct	gatggaggag	gaccctgaaa	aatacgagga	acttcttcag	300
ctgataaaga	aatttcggga	tgaagagctt	gagcaccatg	acatangcct	cgaccatgat	360
gcagaattgg	ctccagccta	tgccgtcctg	aagagcatta	tccaggccgg	atgcagagtg	420
gcgatatatt	tatcagaaag	attataaaagt	gtgtccagtt	ttgcctgtct	ataaaaagatg	480
atagtaattt	accaagtgac	at ttgcagag	aaacaggtgt	acagttatcg	ttgtactttt	540
gtacaatgtg	aattttgtta	ataaattatn	agggttggtt	tttttttnaa	aanangaana	600
nnnnnnnanga	aaactcgagc	ctctaaaact	atagtgagtc	gtntacgtaa	tcngacatga	660
taaaaacatt	gntgatttgg	caaccacact	ngaatgcatg	aaaaatgctt	atttngaatt	720
gngatntntg	ttattgacca	tatactgata				750

<210> 2668
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 2668

gnnnnnnnnn	ntttaatant	tatcanctct	tggtcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agaagcagct	tggggctcac	tccccctcca	ccttgetgac	caccctcatg	120
ttctttaata	ccaagtactt	cctattgaag	acagtggacc	agcacatgaa	gctggccttc	180
tccaaggtct	tgcgacagac	aaagaagaac	ccctctaate	ccaaggataa	aagcacgagt	240
atccggtact	tgaaggccct	tgggaatacac	cagactggcc	agaaagttac	agatgacatg	300
tatgcagaac	agacggaaaa	tccagagaat	ccattgagat	gtcccatcaa	gctctatgat	360
ttctacctct	tcaaatgccc	ccanagtgtg	aaaggccgga	atgacacctt	ttacctgaca	420
cctgagccag	tggtggcccc	caacagccca	atctggtact	cagtccagcc	tatcagcaga	480
gagcagatgg	gacaaatgct	gacgcggatc	ctggtgataa	gagaaattca	ggangccatc	540
gcagtggcca	atgcaagcac	tatgcaactga	gatgccttgg	ccatggcaca	aagagaaaacc	600
agccaggaaa	aaccagacag	actttcacac	taaagaagaa	gcctccattt	tttttttttt	660
ctttttttta	ttggggggag	tttacnaaac	ctttcaaggt	tgctttttgt	ttnaaaatat	720
taaaaagaaa	acnttttaaa	aaaaaaaaaa	aaaaaaactt	ggagcccttt	taaaactatt	780
agtggggctg	tnttacnta	aaatnccana	cttgataaan			820

<210> 2669
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 2669

tatntataca	gctacttggt	ctttttgcag	gatcccatcg	attcgtggag	gtctcctttc	60
gccccagccc	aggtggccaa	gcccatactg	gcctcagaac	atgctgagca	cattttgtag	120
ggtggcacct	ttttatccaa	gttactagct	acacatcant	gtttaaagag	aaaaaagtga	180
cctttcat	ttttttcttg	aaacttgagg	aaacaagata	catactactg	atTTTTTTTT	240
tcttaaaact	aaatgcatga	ctgcagangg	tagagggtga	tatttttcat	actgtggggc	300
aaagtatttg	tgctgctttt	tggagatgga	ctggaaacgtc	tggtttctgt	ccccngggcc	360
ggcagctacg	tctattttct	gtanaagggtg	ccacagtggag	acctggagcc	accccttnct	420
gccttgccgc	cgtttanagc	tgggancccg	tggactcccg	gcctgtttct	accttctatt	480
caaccactct	gacgtgggga	gacaaaaaca	aataaaaactt	tttgatagt	tggtaaaaac	540
attgatattga	actatttttag	taaaaggagt	gacaaacaag	aatgtgatag	tgtctacttt	600
gagctaaata	ataaangcct	ctttgtgaac	ctnctgggnt	ttanngcang	gcnnnaaagt	660
tttttnaaaa	atgnngannn	aaactnganc	cttnaaaaac	tntangggag	cgtnttcct	720
tantncccg	catganaaaa	aacctttgat	gnnggttngg	ncaaaccccc	aacttanaan	780
gccgtggna						789

<210> 2670
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (780)
 <223> n = A,T,C or G

<400> 2670

tatnctatca	gctcttggtc	tttttgcagg	atcccatcga	ttcgagaaag	atcactgctg	60
tttacagcgc	cttggtgcagc	cttagatttt	aatattcttt	tgtcattggt	acatctcata	120
gagtaaagct	cttattacct	tgatcctgag	tcagaaatcc	cacctgaaat	cacctttttt	180
cccccttgat	caaacatccc	atccttcagc	taccatactg	ttgctacagg	gattttgtgg	240
actgtggccc	ctgtcccag	gttggnccct	tcagttcagc	acagcctgag	cagtgagaag	300
gtctgaaagg	agagtatata	gntaagatcc	ttgagaaagg	gctgcctgag	gaactgacct	360
cttaaagatc	tcaggatctt	taagacaaca	agttagggtc	ctactggagt	tacctgccag	420
aatggcctct	taattaactc	angtaatgaa	gagctaactg	tggtataatc	atcttgcttt	480
tgctgaatt	tggagaaagt	attataatta	aagttcccg	tatcagaaat	gtccttacat	540
aagattaaaa	tatcttggtg	actaatacca	ttctatgaga	aagagtagtt	atttgcccag	600
actgtattaa	tttacttttag	aaactaatgt	ttgaagtaat	ggaaaaaatt	ttaaattatn	660
aagctaaggg	caataacatt	tgctacttat	ttatagaatt	atttgaaaaa	atttgntttg	720
aagtaatgct	ttaaggagtn	taagatatcc	aagataaatt	atactatnaa	atgatttatt	780

<210> 2671
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 2671

tcaaatntnn	nntaancctt	tttaagatca	gcacttggtc	ttttgcggat	cnntccatgg	60
gtagaangga	tgctcgtacc	nnnaaganca	ntaccgagac	gtgcagctgt	ccaaggctct	120
gtcctatgcc	ctgcgccatg	gggccttgaa	gctggggctt	cccatgggag	ctgatggctt	180
cgtgcccttg	ggcaccctcc	tgcagttgcc	ccagttccgc	ggcttctctg	ctgaagatgt	240
gcagcgcgtg	gtggacacca	ataggaagca	gcggttcgcc	ctgcagctgg	gggatcccag	300
cactggcctt	ctcatccggg	ccaaccaggg	ccattccctg	cangtaccta	agttggagct	360
gatgcccctg	gagacaccgc	aggccctgcc	ccgatgctag	tccatgggtac	attctggaag	420
cactggccat	ccatcctact	caaaggcctg	tcctgccagg	gaaggacgca	cattcacctg	480
gccccaggac	tgccctggagc	cccggtatca	tcagtggcat	gcggncccat	tgtgaaatag	540
ctgtgtcatc	gatggaccct	ggctctggca	gatggaatac	ccttcttccg	ttctgccaat	600
ggggtgattc	tgactccang	gaatactgat	ggcttccctc	ttccaagtcc	ttatangangn	660
cctgancttc	nccttaccga	aagccctttc	cttggctggn	gatgaaaaaa	caantgtcan	720
aatancccca	agcacagttc	canaaaaag				749

<210> 2672

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 2672

ttnnmtanta	aaccctttnn	ntactcgttt	ttangcncgt	tcccatcgac	tccaattntn	60
cacgaggacc	agggtcact	gcaaccttga	tctgggctca	agtgatectc	ctacntnagc	120
ttcctgagta	gctaggacca	caggtgtgca	ccaaccacac	ccgactaatt	tttggttagag	180
atgagatccc	actatgttac	ccaggctggt	cttgaactcc	tgggctcagg	tgatcatcct	240
gccttggtct	ccaaagtact	gggattatag	gcttgagcca	ccgtgcctgg	cctgtgatca	300
gaattctcat	tttttttagtc	actaaaaatg	ctggggggggc	actccattct	ccattatgtg	360
attaagttca	cattgcatgc	ttgtatcaaa	acatcatata	tacccacaaa	atatatacaa	420
aaaactttta	aatttttaagt	attaattgct	cangaaaaaa	ttaaaatgct	ggggtgctga	480
aatctcaagg	gccccattac	aaaactcctt	angaacctcg	ccctcttntg	ctgtaaggac	540
tggttcagga	atgagagaat	taaaagacat	tcccgcacaaa	atgtcataat	gtcaccocgg	600
aaacctgcga	atatgttata	ttacatgacc	anggagaant	aagggtgcan	atggcagtaa	660
gggtgcta	gggctgacct	taananaagg	agatgatect	ggattatctg	ggnggaccca	720
atgtaatcac	aagggtcctt	actgggggaaa	atgaggnggc	tgatcaaaaag	caantgatca	780
tg						782

<210> 2673

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 2673

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tattttctcac	aatagtaata	atgggtacaa	ttgactacct	tgtnnggagtt	ccatctccta	120
aacttcatgt	tcctgaaaaa	tttgagccta	ctcatccaga	gagaggggtgg	atcataagcc	180
cactgggaga	taatccttgg	tggaccttat	taatagctgc	tattcctgct	ttgctttgta	240
ccattctcat	ctttatggat	caacaaatca	cagctgtaat	tataaacaga	aaggaacaca	300

aattgaagaa	aggagctggc	tatcaccttg	at ttgctcat	gggtggcggt	atgntgggag	360
tttgctctgt	catgggactt	ccatggtttg	tggttgcaac	agtgttgcaa	taagtcattg	420
caacagctta	aaagt tgaat	ctgaatgttc	tgctccaagg	gaacaaccca	agtttttggg	480
aattcttgaa	cagcnggtta	caaggcta at	gattttttatt	cta atggggc	tctctgtgtt	540
catnacttca	gtcctaaaga	ttattccaat	gcctgttctg	tatgggggtt	cctttatatg	600
ggagtttcc	cattnaaagg	aatccagtta	tttgaccctg	atnaaatatt	tggaatgcct	660
gcttaagcat	cagcctgatt	tgatatacct	ncgttatgtg	cgcctctgga	aggccatatt	720
ttacagtc	tcagcttact	tgtttggtcc	ttttatnggt	gataaaaang		769

<210> 2674

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 2674

aattttcaag	ctcttggttt	ttatgcagga	tcccatcgat	tcgctgggtc	ccaacctggg	60
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agctaccg	cccggcctat	ttacttttct	tactaagctg	gggatcaccg	tcgccctcgg	180
cttggcagga	aggcgggggt	gcaagaagaa	aagagggtaca	gaacaccag	aggtgccctc	240
gattccgtct	tgcaacttgc	cttctccac	cgtccagcaa	taaagcgaga	gaaacaagt	300
caggaaactg	gccggcagtc	atggggagaag	ccaaaaagac	aggagttag	tgccatgacc	360
agggtcact	gcaaccttga	tctgggtca	agtgatcctc	ctacctcaac	ttcctgagta	420
gctaggacca	cagggtgtgca	ccaaccacac	cgaactaatt	ttttagaga	tgagatccca	480
ctatgttacc	caggctggtc	ttgaactcct	gggctcaagt	gatcatcctg	ccttggtttt	540
ccaaagtact	gggattatan	gcttgagcca	cccgtgcctg	gcctgtgatc	aaaattctca	600
tttttttagt	cactaaaaat	gctggggggc	actccattct	ncattatgtg	attagttcac	660
attgcatgct	tgtatcaaaa	cattatatnt	tccccncaa	atttntncca	aaaactttta	720
aattttaagt	atttaattgg	ttcaggaaaa	aaataaaatg	ctggggggggc	tgaaatctca	780
angggcccat						790

<210> 2675

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 2675

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tgagctaccg	cgcccggcct	atttactttt	cttactaagc	tggggatcac	cgtcgccctc	180
ngcttggcag	gaaggcngng	gtgcaagaag	aaaagaggta	cagaacaccc	agagggtgcc	240
tcgattccgt	nttgcaactg	cccttctccn	accgtccanc	aatnaagcga	gagaaacaag	300
tgcaggaaac	tggnccggcag	tcattgggaga	acaaaaaaga	caggagtcca	gtggcatnac	360
canggctcac	tgcaaccttg	atctgggtct	aantgatcct	cctacctcag	cttcctgagt	420
agctangacc	acagggtgtg	accaaccaca	cccgaactaa	ttttgtagag	atgagatccc	480
actatgttac	ccaagctggc	ttgaactcct	gggctcangt	gatcatctgc	ttggctncca	540
aagtactggg	atttataggct	tgagccaccg	tgctggcct	gtgatcacia	ttctcatttt	600

tttantcact	aaaaatgctg	gggggcactc	cattcttcat	tatgtgatta	gatcacattg	660
catgcttgta	tcaaaacatc	atattntacc	ccacaaatat	atacaaaaaa	cttnaaattt	720
taagtattaa	ttgctcanga	aaaaaataaa	ngcttggggg	gctgnaaact	tnaagggccc	780
catt						784

<210> 2676

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 2676

tatactatca	gctacttggt	ctttttgcag	gatcccatcg	attcgctggt	ctccaacctg	60
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tgagctaccg	cgcccggcct	atttactttt	cttactaagc	tggggatcac	cgtcgcccctc	180
ngcttggcag	gaaggcnng	gtgcaagaag	aaaagaggta	cagaacaccc	agaggtgccc	240
tcgattccgt	nttgcaattg	cccttctccn	accgtccanc	aatnaagcga	gagaaacaag	300
tgcaggaaac	tggnccggcag	tcattgggaga	acaaaaaaga	caggagttca	gtggcatnac	360
canggctcac	tgcaaccttg	atctgggctc	aantgatcct	cctacctcag	cttcctgagt	420
agctangacc	acagggtgtg	accaaccaca	cccgactaat	ttttgtagag	atgagatccc	480
actatgttac	ccaagctggc	ttgaactcct	gggctcangt	gatcatctgc	ttggctncca	540
aagtactggg	attataggct	tgagccaccg	tgccctggcct	gtgatcacia	ttctcatttt	600
tttantcact	aaaaatgctg	gggggcactc	cattcttcat	tatgtgatta	gatcacattg	660
catgcttgta	tcaaaacatc	atattntacc	ccacaaatat	atacaaaaaa	cttnaaattt	720
taagtattaa	ttgctcanga	aaaaaataaa	ngcttggggg	gctgnaaact	tnaagggccc	780
catt						784

<210> 2677

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (818)

<223> n = A,T,C or G

<400> 2677

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cgctgttttg	ggatgtggcc	atgggtggtg	aattcttgag	ctgttattct	gggctacttt	120
taccagatgc	tcagtatcct	attactgctg	tgcccttat	ggaagccttg	agtgcagata	180
agggtggctt	tttatacctt	aacagggtgt	tggtcctcct	cttacagacc	ctcctacaag	240
atgagatagc	agaagactan	ggtgaattgg	gaatgaagct	gtcagaaatc	cccttgactc	300
tgcattctgt	ttcagagctg	gtgcggctct	gcttgccgag	atctgatgtt	caagaggaaa	360
gcgagggctc	aaacacagat	gacaataaag	attcactgca	tttgaggata	atgaggtaca	420
agatgagttc	ctagaaaagc	tgagagacctc	tgaatttttt	gagctgacgn	cagaggagaa	480
gctacagatc	ttgacagcac	tgtgccaccg	gatcctcatg	acatactcag	tgcaagacca	540
catggagacc	cacagcaaat	gtctgcacag	ttgtggaang	aaccgcttgc	tgtgtttgaa	600
aggaagaaaa	tgattaagaa	gaagagcnng	antaaaccgn	aaaccgggaa	agaaaatggg	660
aagnccaaaa	aaaaaaaaaa	aaaaaaaaact	cgaacctctt	taaaaaactat	nagtngaggt	720
ccgtattacc	gtttgaatnc	nggacnttga	atnagaaacc	attggatgga	gttttggnc	780
aaaaccccaa	ncttagaaat	ggcngnggaa	aaaaaatg			818

<210> 2678
 <211> 875
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (875)
 <223> n = A,T,C or G

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<400> 2678
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agggcacgag  gcactaagca ggctagtgtc  ctacagcttc  cggcctcccc ttccaggccg      120
ctgccgcctg  accctgtgtc caagagactc  caggctgagc  tggctgaccg  acccaatccc      180
cctaccgcgc  ctctgcccgc  tgacccggtg  gtgagaagcc  cgaagtctca  ggggccagcc      240
aagcccccac  ccccaaggaa gccactgcct  gccgaccccc  agggccgggtg  cccatcgggt      300
gacctgccgg  cccagggggt  ggaatccgc  ccctagtgtg  accctccaga  ccaagcgcca      360
ccgncttcga  cagtgtcctc  gctctacctc  tgacctctcc  ggagggttcg  ctgctccaag      420
ccggacttaa  ggcttcaaga  ggcgggcgtg  ccctctggag  tccccacca  tgactgaagg      480
cgccagagac  tggcgggtgc  ttaanacttc  gggcaccgcc  acgcgctgtc  aagcaacaac      540
tctgcggacc  ttcccggcgt  aatttgcaac  cgggggcttg  ggggaagggg  cttgggggtt      600
tggaaccggg  attgaaggaa  aggtncgcga  caaacctggt  ctttttgntt  caaatgtgcn      660
aataaaaaac  ttgnacaatt  ntttggggga  agccggtttt  nnnnnnnnan  aannnnnnnn      720
nnnnnnnnnn  nnnnnnnnna  anncccttcg  aagccctttt  taaaaaactt  tttaggggag      780
gtcgnantta  acgttnnaat  nccnaaaacn  ttgattaaag  aataccattt  ggttgaaatt      840
ttggggacna  aancccaaaa  anttagaaat  ggcgcg      875

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<210> 2679
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

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<400> 2679
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cgtnctctcc  gcaacagccc  ggcgggtcga  attcggcacg  agtccaagag  gagaagcatg      120
ttccaaaacc  cttaactttg  ggaatttaga  actagctttt  ttactatctt  ctgcacagca      180
taacttcagt  ctccctttac  taattcaagg  aaatctcagt  gaacaaattg  tataagggtta      240
gatgagctaa  aagctcactg  agtcattaat  ttgtcataac  tcatctaaat  acaatgatta      300
ggcttggtga  ggtgtcccta  gtttctcttt  ctaaactcatg  tcttagtagg  gacagagcaa      360
taatggtgga  tcgtggcaac  gggaagggaag  atgatgtgtc  agttatctat  tgctgtatga      420
cagtcacaaa  accttagtac  ttactacaga  aacaatgatt  tgtcacattt  tgtgggttgt      480
ctggatggtt  gttttgctta  tatggtgcag  gctgagatta  ctcatgcagc  ttcacagttc      540
ttttgcttat  atggtgcang  ctgagattac  acatgcagag  gaaagatggg  ctctgntcct      600
cattcgatatg  cctggggcct  tgggtgcgggt  tgtggcaatg  gcgtcttggn  tctccatgtg      660
ccgnctctcc  agcaggataa  cctgtntttt  tctcacacca  tgacactggg  gttccaggan      720
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<210> 2680
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 2680

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aaacttaaat	gtcacatctg	aaacagtaaa	aatcctagaa	gaaatcctag	gaaaaactct	120
tctggacatt	ggcctaggca	aagaattttat	gatgaagacc	tcaaaagcaa	acataacaaa	180
accaaaaaata	gacaaatgag	atttaatttag	aaaaacttct	gcacagtaaa	agtaataatc	240
aacagttaat	agacaaccta	tggaaatggga	gaaaatatat	gtaaattata	catctgacaa	300
agaactaata	tccagaatct	acaaagaact	cacaagaaaa	aaaccaaccc	cacaagcggg	360
caaaggacat	gaacagacat	ttcccaaaaag	aagacatata	agcaacctaa	aataatctaa	420
aataattttt	aaaaagaaaa	aatgcttgac	agagttttga	tagtacttag	taaaaagtta	480
tatctagtgg	ctttttgntt	gnttggtttt	gntttgggtt	taagaggtag	tctctgtttc	540
ccagctggag	tgcagtggcg	caatctttgg	ctcgctgctg	cctcgaactc	ctgggctcaa	600
gcgatccttc	agcctcagcc	tnccaagtag	ctgntatagg	catgcccccc	ccttccgact	660
natnatctgc	tatcaatata	taatggttnc	ctttggctta	tttangaaat	aacactttta	720
tgcttttgaa	aaaaaaaaaa	aaaaaaactc	gagcctntan	actntgtg		768

<210> 2681
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 2681

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gcagagccca	agtttcaagc	tttccctgtc	cagtgggaacg	aagactaacc	tcaccagcca	120
gtcatctaca	acaaatctgc	ctgggttctcc	gggatcacct	ggatccccag	gatctccagg	180
ctctcctgga	tccgtacctt	aaaatacatc	tcagacggca	gctattacta	caaagggagg	240
cctcgtgggt	ctggtagatt	atcctgatga	tgatgaagat	gatgatgagg	atgaagataa	300
ggaagatacg	ttccattgtc	aaagaaagca	aaatttgatt	cataataatg	gcaacggcct	360
angatcagta	cctggttgaaa	aaaactgggt	ctccacccct	cccccatata	aaatccacaa	420
aaaagcgcag	tgggtctctg	tgaatgactg	acacagatca	gcctcttaca	cttgacttct	480
gctcatcaag	tgccaattca	atggagcagg	aggaggggat	atcatatatt	taggggaaaag	540
acttaagcct	ttgagctctc	cagcttggac	cacacattgc	ccttttntna	gggaaggaaa	600
tggaaacaaa	aagccaacag	ggcagggggt	ttgtaaagtg	gaactcttgg	attgactggt	660
cagttgctac	aatcaaaaata	tgctttcttg	gaccatgttt	gagactcaaa	anaatggggc	720
ttctgncata	attctttact	tagtcaagaa	tgccacagtt	tcttttgtnt	aaaaaacctg	780
ncctttnaaat						790

<210> 2682
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 2682

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ggcttaaagg	gcaagaacgt	gcggatttat	caaatagcct	tgaggaaata	tatattcaga	180
atatcggtga	aagtattctt	tacctgtggg	tggagaaaat	aagagatgtt	cttatacaaa	240
aatctcagat	gacagaacca	ggcccagatg	taaagaagaa	aactgaagag	gaagatgttg	300
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ttgatatcag	tgaaactcgg	acagaagtag	aagtagaaga	attacctccg	attgatcatg	420
gcatttcctat	tacagaccga	agaagtactt	ttcaggcaca	cttggctcca	gtggtttgtc	480
ccaaacaggt	gaaaatgggt	ctttccaaat	tgtatgagaa	taagaaaata	gctagtgcc	540
cccacaacat	ctatgcctac	agaatatatt	gtgaggataa	acagaccttc	ttacaggatt	600
gtgaggatga	tggggaaaca	gcagctgggtg	ggcgtcttct	tcctctcatg	gagattttga	660
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<210> 2683

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 2683

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cttcgttaa	aaaaaaaaa	tttacttctt	acaattcttg	aggccaggaa	gaccatgac	180
aggtgccagc	atctgggaag	ggccttcttg	ctgtcctccc	atggcagaag	atggaagggc	240
aagggagagc	taacatgctc	ccgcaaacc	tttttataat	ggcatcaatc	aaatatgagg	300
ccagagtcct	tgtgacctaa	tcctctccca	gaaggctccg	cctcccaacc	ctgttgcatt	360
gggattaagt	ttccaacaca	tgaattgtgg	agacaacaca	ttcaaaacat	agcattccac	420
accttgggct	ccccagattc	atgtcctcac	atgcaaaata	aattcattcc	atcccaatag	480
cccctaaaa	gtcttaactt	gttccagcat	caacttttaa	gtcaaagtcc	aaagtctcat	540
ctaaatcaga	tatgagtgag	actcaaggca	tgattcatca	tgagacaaan	gatgtacatt	600
tgcaatgttt	gtcatgtcag	acaaaacaaa	aatatgtaaa	tatccatcaa	tangggaaact	660
gctggaaaa	tttttttgn	taatcataaa	atgaaacatg	ccgatgttta	aaccaatgga	720
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<210> 2684

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2684

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cacccagggg	ggccagttca	gagacccact	cccagggtgtg	cattctcttt	ctcaaggatg	180
ttccttgctg	agaaaaagaa	ttcagtgata	tttctcccat	ttgcttgtga	agaagagaa	240
atgtggcttt	gttccacctg	gctcaccggc	ggcagaattt	aaggttatct	ctcttgtttc	300
ctaaacattg	ctgttatcct	gttctttttt	caagggtccc	agatttcata	ttgctcaaac	360

acacatgctg	tataatttgt	gcagttaatg	caattattac	agggtcctga	ggtaatatac	420
atcctcctca	gctgacagga	ttgagagatt	aaagtaaaga	caggcatagg	aaatcacaag	480
ggatttgact	ggggaagtga	taagtgtcca	tgaaatcttt	acaatttatg	tttagagatt	540
gcagtaaaga	cangcataag	aaattataaa	aagtattaat	ttggggaact	aataaatgtc	600
catgaaacct	tcacaatcca	tgtttttctg	ccatggcttc	aaccagtccc	cccgtttggg	660
gtcctgactt	nctgcaacaa	tgtcctgcag	gaaaagtttt	tctttatatac	cagtttttac	720
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<210> 2685

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 2685

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gttgctgtca	catttagtcc	atcttcatat	aattcttatac	tgggccagtt	tcttgggcat	180
gggacatgtg	cagttacaca	agcctgtgct	cttaagaggg	tcttaccat	agtttaaatgt	240
tctgctgttg	tagtcttgaa	attcttaatg	atttaacaag	gggtcctcca	ttttcatttt	300
gcactgggcc	ctgcaaatta	catagcccat	cctgatttct	acaactatag	aatagcacia	360
tggaattcc	atatggatta	ataatatgtg	acacttacgg	ctttttctat	acgcttccaa	420
gtacttcata	taaattactt	catttcattc	aatggtagaa	ttggtagatg	cttaactttt	480
aatgaaagac	aaagtcagat	tcactctaag	gattaaaaaa	tatatgtaac	attacatttt	540
aaagattttc	aaaaacaatt	tggtgtggaa	atgaattatt	gncatgagat	attnccccact	600
agacggactt	cctgtanggt	cangggctct	ggctctctgt	anggatgaac	caagcttttc	660
ttgaanggcc	angtgctaag	tgtctcaagc	tttgtctgtt	aaggactacc	cactctgctg	720
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<210> 2686

<211> 899

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (899)

<223> n = A,T,C or G

<400> 2686

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gccgccccct	gactgcttnc	agtgaacaaa	cctgctgttc	ctcctcatcc	agctgccttg	180
cccactttga	aggaacaaat	gtggaagggtg	tttctctcca	ccagagtgcc	ccccctcatc	240
aggaggggtga	gcccggggca	gggnggaccc	ctgcctncac	acccccctcc	tgccgntatc	300
gccgtttaac	tggcgactcc	ggtattgagc	tctgcccttg	tctgcctcc	ggtgagggtg	360
agccagtcaa	ggaggtgagg	gttagtgcca	ccctgccaga	tctggaggac	tactcccgtg	420
tgccttacct	ccanagtntg	taccgcanat	ctttcccatg	gggctgtctt	ncagtgaag	480
gggacatncc	ataatagttt	tganagggtg	gatgggttac	tttgcccacc	aaaaacagcc	540
cttagtncca	acttccttgc	gtttcctttt	ggccccctcc	ttgccttacc	ttaaaaaatt	600
ttgccttgaa	aaagggcttt	gggaaaangg	ggcaanaaat	ttgggggggg	aacttggtgc	660
ntaanccttt	ttaaccccc	ccgcnnngga	acaattacaa	ccanggggaan	cccttttggg	720

atccttccan	tttaaaaaana	aaaatgtttg	gaaaccccaa	aaaaaaaaaa	aaaaaaaaaa	780
aaaaaaaaacn	ttcggagncc	ccttttttaa	aaacnttttt	aggggggggg	cccnttnntt	840
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<210> 2687

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 2687

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ctgctctgaa	tcttgaggga	tctggccctc	ctctcaaccc	ccactcacag	tcaccgtctt	180
acaactcagg	gccacctggg	atcagtcctc	agtcagggtg	cgtaagcctt	gaataaccagg	240
tagcctcagg	agtgaaga	ttaaagtctc	agatcattcc	ttattcagtg	tccccacctt	300
gcagcgcatt	ccaaccacct	gggagcattt	aaaactccag	atgcccacac	cacaccctgg	360
ggccacccat	cagaccttct	ggaagcaaga	cctgggcctc	catggcccca	aaaactccct	420
aggtgatccg	atgtgcagcc	aaatctgaga	ggccccattt	aaaaaagaaa	gaacatgggt	480
ggtcattgag	gagtatttac	attttataaa	atgacttaaa	aatttgaagg	catttttgag	540
catttccaat	tatatggaag	agttacttct	acggaatagt	tttgctcat	ggaactcaaa	600
cagatgaagc	accactgtta	cagaataatg	tgctccagat	gaaaatgtct	cgtttctgtg	660
aatttcatga	agagcagaac	atttctcaag	aatcctcttg	agccagtaat	caatcctgtc	720
tnaaaaaatg	ttctttgcct	tttctaaata	ctgcacaaaa	gtgggncatg	tcgacatttg	780
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<210> 2688

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2688

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acactaacia	acatggctaa	aaagcacatg	tcagaacaca	gaagcctagg	tagatgggtg	180
acatttttat	aacttcctta	agtgagtagt	taaaccagca	gtcttaattc	tgttgggtct	240
ccaagagtgt	ttaattacat	aagtattacc	tgtattcatt	tcccacaact	gntgggtttt	300
tctttctttt	tttttttttt	tcctctgngc	atcctanaaa	aactcccagg	actagactta	360
ggaggaggca	atcaagttat	gtggtaaaac	aagagtgcct	tttctgttgg	atatccactt	420
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ttattgtgtc	cacaattttg	aaccaccgat	ttccatatct	tcagcagcta	tcaacttgcc	540
aattcccttt	gggtctcctt	tgnatattct	tatgtttcct	tctgnttcca	ggtgcctcaa	600
aaagagttga	ggggggcatg	actcttataa	aatggataaa	aatgaactgt	acagatgttt	660
gcctccttgt	tctgtgagca	tgactctatc	angctggaaa	ancgctttat	cattttggat	720
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<210> 2689

<211> 1157
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1157)
 <223> n = A,T,C or G

<400> 2689

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cgggggacca	cagggnaggcc	aggcaccctg	tcccaaattg	cccggnacnt	ttttatttaa	180
ccacccaaac	aagaaaacng	agaantacgc	caccccgggg	annggccaaa	aggngagnaag	240
gnggggaacaa	gcntnaccnt	gtgnctngca	acanacangn	gtggcnngaa	ancanccagg	300
actcnccggt	acatcaaata	gccannngg	cgcncnncat	gttcttaacc	anccggaata	360
ggggacaatc	aattggttgn	cntttgngcc	tgccgaaaag	ctagctgggn	anatctgccn	420
ggttaaataa	gccccnttaa	acggaagggc	anangggggg	aacnnaanaa	ggtngangca	480
ttcccgccca	ccggaatgaa	gnaatgggga	ancccgccct	ggngggggna	agtcangcan	540
aaacggcttg	acgnaaaaaa	aaanccattc	ncccccaant	tnngtnaang	gnncccaang	600
aaatncnnc	acngcnaaag	ncccccnngg	gcnaatgnnc	ccaaatcccc	tcccattttn	660
atnttatgna	aaccaccttt	ngggggaaaa	aaaaaaaaag	nccntttntt	ngaaaggaaa	720
gggttgcccc	attgggctat	gggaaggngn	ncnnccccaa	attanaaaan	ttnnngggnga	780
naaaaaaann	gggcnncccc	gntttggggg	ncgnctttgg	gcaaaccacc	ccccgtgccc	840
ccaaaaangc	ccaatgggta	ntccctaaaa	aaaaaagttc	ccccttttng	tgggaaaaan	900
cccccgggag	agggccccgn	gtttcaaagg	gggaanaatc	ccaaaaaaaa	ccnaatccta	960
naanggccaa	angnggtnt	ncctnaaann	nnggnaatng	ncaaaagggn	ggngaannaa	1020
accnttgggg	anggcngaag	ttnccccctg	gaaaaaccgc	gggggggncc	cctcnccgna	1080
ananaaaaaa	aaccnnttca	aaccnngggg	gcctcncggg	ggtgcccggg	acncnttttg	1140
aaaagatcca	cnncctcg					1157

<210> 2690
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 2690

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aacttcatgt	tctgaaaaa	tttgagccta	ctcatccaga	gagaggggtg	atcataagcc	180
caactgggaga	taatccttgg	tggaccttat	taatagctgc	tattcctgct	ttgctttgta	240
ccattctcat	ctttatggat	caacaaatca	cagctgtaat	tataaacaga	aagggaacaca	300
aattgaagaa	aggagctggc	tatcaccttg	atttgctcat	gggtggcggt	atgntgggag	360
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caacagctta	aaagtgtgat	ctgaatgttc	tgctccaagg	gaacaaccca	agtttttggg	480
aattcttgaa	cagcnggtta	caaggctaat	gattttttatt	ctaattgggccc	tctctgtgtt	540
catnacttca	gtcctaaaga	ttattccaat	gcctgttctg	tatgggggtt	cctttatatg	600
ggagtttcc	cattnaaagg	aatccagtta	tttgaccctg	atnaaatatt	tgggaatgcct	660
gcttaagcat	cagcctgatt	tgatatacct	ncgttatgtg	ccgctctgga	aggccatatt	720
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<210> 2691
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 2691
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 ggtgtcattg cacatgcctg cagtccctggc tactagggag gctgaggcag gagaatTTTT 120
 tgcaccacaga agttcaaggc tgcagtgagc tatgatcaca ccatggcact ccagcctggg 180
 caatagaatg agaccacagc tctaaaaaag tagaagttaa aaaaaaagat taagaataga 240
 tgtagggcag cagaatttcg aacttctttt cagcatcaca atacttttaa acagtgattg 300
 tcatctgcct caaacccatt gcctctcaca taggaaatat tttgaaacat attttttagt 360
 accttgaaat gaaattcatg ataattaacc catctacaca cattttttaa aatcaatata 420
 gggccctaac agcaatataa aggggaaata aaaagaaact aattgtaata aaataatatt 480
 gatttcaata agtacattct agcccagtg cttataaattt taatgtgcat atgaatcatc 540
 cagcattctt attaaatgca gattctagtt cagtagattt tggttcagta ggtaagccct 600
 gagatttggc atttctagca gctnctagat gatgcccaca ctgctgttta gtaaagagca 660
 tactttgagt agtaanggcc gaaaagtata aaaaaaaaaa aaaaaaaaaa aactcggcct 720
 ctanactata ggagtcgtnt tacgtanatc cngactgata agatcattgg tgagtt 776

<210> 2692
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 2692
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 actggctgtg cttgttgctt ctggggccctc ctgggacaga gctgggaagt ggatctatga 180
 cagtgcttg tgcatttacc cgccctgttg gtttctgtag ctgtctagtt cctgctgttc 240
 ctgtctcacc tgcacctttc cttatgtgta gtttcttct gtgacaggga gaaacctggc 300
 tctcagattg acaggacatt cgcttaggcc atgtcagtg tgtaggtgaa ctgttcaacc 360
 tgtgccccag ggaggcgag tcaactatgga ggcaccttac ttccttaatc gtgtactggt 420
 gtttttgtgt ttgacctgta gcatctaagt actggtttca aaagtgcct agatgagttc 480
 ttttctttct ttcacctcct gcaaattatg tgatttgcac aatttgtaca taagttaggt 540
 tcatttgcta gtttgtattc cttttggctt ccccatatc ctcgttgact ttttctttct 600
 tttgtaactt acatatgtta tgaaattata tgaggatata taatttcata aatgtttatg 660
 ggttacatgt attaattggg attattaaaa ncacctggg attgactggc caaccatttg 720
 gtggaagata gcaataaata atacatcata aaagacttta atgtaaaaaat aan 774

<210> 2693
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 2693

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tgtgaatgag	acatatccccc	aaaaaattct	tatctctgta	tgtgattgga	aaagaaaaga	180
tcacatttgt	atattcaaca	atctttcacc	tatttcataa	gtcatttttt	caccctgtat	240
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tctccaaaat	tcatgtactt	cctggagcct	cagaatgtga	ccttatttgg	aaatactng	360
gttgtgggtg	taagtagcta	agatgangtc	atactggagc	agggcaggcc	cttaatccaa	420
tatgactggg	gttccttata	aaaaaaagat	aanggcgggc	atgggnnggct	cacgcctgta	480
atcccagcac	tgtgggaggc	caagccaggc	aaatcgcttg	aggctgagga	gttcaagacc	540
agcctggccc	aacatggcga	aaacccatct	cttctaaaaa	taaaattagc	catgccgtgg	600
tgcttgtaat	gtcagctacc	ccaagaatct	gangcacaaa	gaatcacttc	gaacctggga	660
agnggaggtt	gccanaaccc	caccactggc	actncagtgt	ggagcaacaa	aaccgagact	720
cttgtcttca	aaaaaaaaana	nannaaannn	nnnnnnnanc	ctcgnancct	ttaaaacttt	780
agggaggccg	tntttacgta	natcccaaac	atggat			816

<210> 2694
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2694

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tgtgggttct	aacttaagtt	ccagaccagc	tagtccaaat	tcttcctcag	gacaggcttc	180
tgtaggaaac	cagactaata	ctgctttag	tcctgaagag	tcatgtgttt	taaaaaaacc	240
tatcaaacga	gtatataaaa	aattgatcca	gttgagagaga	ttttaaaaat	gcaggatgag	300
ctcttaaagc	caatttccag	aaaagtacca	gaattgccct	taatgaattt	agaaaattct	360
aaacagcctt	ctgtttctga	gcaattgtct	ggtccttcag	actcctctag	ttggccgaaa	420
tctggatggc	cttctgcatt	tcagaagcca	aaaggacgat	tgccatatga	acttcaggac	480
tatgttgaag	atacatcgga	atacctagct	cctcangaag	gaaattttgt	ttataagtta	540
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ccacgttcta	aaaaaccgga	agaaaatcag	aagacaattt	ncagtttatg	tnctacccaa	660
agtagagtat	caagcttggt	tntggagttt	gaagctcttg	actgaaagtg	gactttgtcg	720
cttatngact	ggaaagttta	ttgctttcca	ccagctcatt	ttatgtttgg	gcatatcgat	780
gccntt						786

<210> 2695
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 2695

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tgtgggttct	aacttaagtt	ccagaccagc	tagtccaaat	tcttcctcag	gacaggcttc	180
tgtaggaaac	cagactaata	ctgcttgtag	tcctgaagag	tcatgtgttt	taaaaaaacc	240
tatcaaacga	gtatataaaa	aattgatcca	gttgagagaga	ttttaaaaaat	gcaggatgag	300
ctcttaaagc	caattttccag	aaaagtacca	gaattgccct	taatgaattt	agaaaattct	360
aaacagcctt	ctgtttctga	gcaattgtct	ggtccttcag	actcctctag	ttggccgaaa	420
tctggatggc	cttctgcatt	tcagaagcca	aaaggacgat	tgccatatga	acttcaggac	480
tatgttgaag	atacatcgga	atacctagct	cctcangaag	gaaattttgt	ttataagtta	540
tttagcctgc	aagacctgtt	gttactcgtt	cgctgcagtg	tccagaggat	agagacaaga	600
ccacgttcta	aaaaaccgga	agaaaatcag	aagacaattt	ncagtttatg	tnctacccaa	660
agtagagtat	caagcttggg	tntggagtgt	gaagctcttg	actgaaagtg	gactttgtcg	720
cttatngact	ggaaagttta	ttgctttcca	ccagctcatt	ttatgtttgg	gcatatcgat	780
gcennt						786

<210> 2696

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 2696

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gcgggcctgg	taacattctt	gcttgcaact	tgccggcagg	ccaacttgac	cggccggggc	180
ctggtcgggc	cgggtgcaag	ttcaattgag	aacttttttg	acggaagagg	ggaccaaacc	240
attccaagtg	ggagtggaa	tcctcagctg	cttcctcaag	ctgcacacca	ccagccacct	300
tcacagtgc	tttggtgagt	gtcaaaacat	ctcaaggaaa	tttctcctct	tctctncatg	360
gaggctatgg	cattggtact	gaagagagga	aacttaccca	agaaaccact	tatncaaata	420
cttacatttt	tgacttggtt	ggangtggtg	atcttcttgt	agaaattctt	atgangccta	480
cgatctctat	ncggggacag	aaactgaaaa	taagtgatga	aatgtncaa	gactgcttga	540
gtatcctgga	taatacctgt	gtctgtcaga	nggagttaca	aagcgtttgg	cagaaaagaa	600
tgactttgtg	atcttntctg	ttacattgat	gaccaagtaa	agaagacatt	nttacaacaa	660
gnaacccttc	attgaagata	ttttgggtgt	tnaaaangga	aatgatccga	ctngatgaag	720
tccccaatct	gagtccttaa	nttccaattc	gatcaanaac	aantcgctta	atttttgccg	780

<210> 2697

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 2697

nnntttnnnn	nntttaatat	ttatacacct	cttgttcttt	ttgcaggatc	ccatcgattc	60
gaaaacctgc	tgtcaaggct	tgaagagccg	gcacactcaa	tggcaaacac	agcaccgagt	120
ctgctctgaa	tcctggagga	tctggccctc	ctctcaaccc	ccactcacag	tcaccgtctt	180
acaactcagg	gccacctggg	atcagtcatc	agtcagggtg	cgtaagcctt	gaataccagg	240

tagcctcagg	agtgaaaaga	taaatgtcct	agatcattcc	ttattcagtg	tccccacctt	300
gcagcgcatt	ccaaccacct	gggagcattt	aaaactccag	atgcccacac	cacaccctgg	360
ggccacccat	cagaccttct	ggaagcaaga	cctgggcctc	catggcccca	aaaactccct	420
aggtgatccg	atgtgcagcc	aaatctgaga	ggccccattt	aaaaaagaaa	gaacatgggt	480
ggtcattgag	gagtattttac	attttataaa	atgacttaaa	aattttgaagg	catttttgag	540
catttccaat	tatatggaag	agttacttct	acggaatagt	ttttgctcat	ggaactcaaa	600
cagatgaagc	accactgtta	cagaataatg	tgctccagat	gaaaatgtct	cgtttctgtg	660
aatttcatga	agagcagaac	atttctcaag	aatcctcttg	agccagtaat	caatcctgtc	720
tnaaaaaatg	ttctttgcct	tttctaaata	ctgcacaaaa	gtgggncatg	tcgacatttg	780
tncaccacc	ctcn					794

<210> 2698

<211> 696

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (696)

<223> n = A,T,C or G

<400> 2698

aaatngcnag	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagaa	60
gaagaactta	tcgattcctc	tcctctcagt	gacaaccaa	gaatggataa	attagagaaa	120
accaacagca	gcttacgcaa	acagaacctt	gacctccttg	aacagttgca	ggtggcaaat	180
ggtaggatcc	aaagccttga	ggccaccatt	gagaagctcc	tgagcagtga	gagcaagctg	240
aagcaggcca	tgcttacctt	agaactggag	cggtcggccc	tgctgcagac	ggtggaggag	300
ctgcggcggc	ggagcgcaga	gcccagcgac	cgggagcctg	agtgcacgca	gcccagagccc	360
acgggcgact	gacagctctg	caggagagat	tgcaacacca	tcccacactg	tccaggcctt	420
aactgagagg	gacagaagac	gctggaagga	gagaagggaag	cgggaagtgt	gcttctcagg	480
gaggaaaccg	gcttgccagc	aagtagattc	ttacgaactc	caacttgcaa	ttcagggggc	540
atgtcccagt	gttttttttg	ttgttttttag	atactaaatc	gtcccttctn	cagtcctgat	600
tactgtacac	agtagcttta	gatggcgtgg	acgtgaataa	atgcaactta	tgtttttaaaa	660
aaaaaaaaann	nnnnnnnnnn	nnnnnnnnnn	nnnnnat			696

<210> 2699

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (708)

<223> n = A,T,C or G

<400> 2699

ttagccttgn	nttttgcnga	tcctcogatt	cgaattcggc	acgagaaaaa	cctgggtatg	60
tatctagaag	tggaaaaaaca	aaaaaaggaa	ataagttatg	aaaataaaaa	ccatgtcttg	120
agctgggtgc	gctgggtgtg	gcctatatcc	ctagattctc	aagaggttga	gacaggagga	180
tcacttgagc	ccaggagttc	aagtccaact	tgggcaacat	gacaagaccc	ttgtctcttt	240
aaaaaagcaa	ctcaaaccat	gtcttgaaaa	gctattttaat	ggtcagacac	gatggctcac	300
gcctgtaatc	ccagcacttt	gggaggccga	ggcaggccga	tcacttgagg	tcaggagttc	360
aagaccagcc	tggccaacat	ggcaaaaacc	agtctctact	gaatgaaaat	acaaaaatta	420
gctggcctag	cagttgggtg	tggcagggtg	ctgtagtccc	agctacttgg	gaggctgagg	480
caggagaatc	gcttgaattt	tgggaggcgg	aggttacagt	gaaccacat	ggcgccactg	540
cactccagct	tgggtgatag	atgagactct	atctcaaaan	aaaaanaana	aaaactcgag	600

cctntagaac tatagtgagt ctattacgta gatccagaca ttgataagat ncattgatga 660
gtttggacaa accacnactn ggaatgcagn gaaaaaaaaat gctttttt 708

<210> 2700

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 2700

tnctaanncc	ggctatngtt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	60
ttgtgtgaga	tttgatcata	gtctaaaact	atcacgtctg	agttgcctta	ggatgacagt	120
gctgacaccc	agtaggaagt	atcccatttt	tatcaggaaa	gtcagtcacg	cgtagggatg	180
gtgaggagac	gcgtagggat	ggtgaggagg	ggagaggagg	gagacctgct	ggtgcccttg	240
caccaggggtg	aggcctgact	cacgctgctt	ccccccacag	gccctgcttt	gcttgcctgc	300
tttttccaga	atcgattttg	caagcttcaa	gattctgttc	ccctcttcgc	agaagtgagg	360
aaggcaaata	ctcaggggtt	gaagggagac	ctggccggcc	tgagggctgg	cagatgtgag	420
ggcaggacac	ctgggatgga	ctcgtaggct	gaccagggcc	caaagggggc	tgccctgtcc	480
caactctttc	actctgtaac	ccatttttaa	atgagttttt	gaatcttgcc	tcaaattgac	540
ctacttggat	aaaatcagtg	cttttcctaa	cttgattttg	tttgacgtgg	ttccctctaa	600
gagaatggta	ggaattgaaa	ctatttgtat	atggtgaaat	ttgtaggggt	tcaggaaccc	660
atggcagaaa	cactaaacta	tttatttaca	agtatgacta	tttttttttc	aaaagtaggc	720
aattctttgt	atatttttaag	gcaaataatc	acttcacett	ctggtgcctt	cc	772

<210> 2701

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2701

ttaacntnca	gctacttggt	ctttttgcag	ggatcccatc	gattcgctgg	accgggtctt	60
ggtgctttcc	agctcagggc	gttgggtccac	ttgggttatc	ttggggacca	aaatccaagc	120
taggatgggg	acagaggcct	ggagacaacc	tgctggcctc	cttccattaa	agccattaca	180
gtgtcaccac	aggattgtaa	gaattacaaa	tgcgttttcc	agagtcccca	gagaaaaagg	240
agtctggcag	ttagaagagt	aaagtgcac	tgtaacaaa	agaaatacca	aagatgagac	300
tacagcagcg	acttgtcacc	tcttccgtgt	tgctactgcc	tgagaacaga	ggtttttagt	360
ttcttttaaag	ggttgtaaac	ataaaaacaa	agaaggatac	aacatgcaag	gcctaaaatg	420
tttactttct	ggccttttac	acaggcagtt	cgccagcccc	ctaccctaca	gtatggaaaa	480
aaggcataga	acagtcaaat	cacgtaggat	ttcttggttt	ctccatgcag	gctcatcgaa	540
tagcaaccat	cctttcttag	tttcttgaaa	caagtacctt	atttacattc	agagaattat	600
atgtggacaa	acagctcata	agcccgtagt	tttacatact	cacttcctga	attgcatatt	660
gaaaaagaga	gttcatgtaa	agccgattat	tatttaatct	aaagttatgt	tcacatagga	720
agcactagtg	tagagaaata	gggtctgang	gacaaggagc	ctgtgtgccc	gtgtcgg	777

<210> 2702

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2702

ttaacntnca	gctacttggt	ctttttgcag	ggatcccatc	gattcgctgg	accgggtctt	60
ggtgctttcc	agctcagggc	gttgggccac	ttgggtattc	ttggggacca	aaatccaagc	120
taggatgggg	acagaggcct	ggagacaacc	tgctggcctc	cttccattaa	agccattaca	180
gtgtcaccac	aggattgtaa	gaattacaaa	tgcgttttcc	agagtcccca	gagaaaaagg	240
agtctggcag	ttagaagagt	aaagtgcac	tgtcaacaaa	agaaatacca	aagatgagac	300
tacagcagcg	acttgtcacc	tcttccgtgt	tgctactgcc	tgagaacaga	ggtttttagt	360
ttcttttaaag	ggttgtaaac	ataaaaaaaa	agaaggatac	aacatgcaag	gcctaaaatg	420
tttactttct	ggccttttac	acaggcagtt	cgccagcccc	ctaccctaca	gtatggaaaa	480
aaggcataga	acagtcaaat	cacgtaggat	ttcttggttt	ctccatgcag	gctcatcgaa	540
tagcaaccat	cctttcttag	tttcttgaaa	caagtacctt	atttacattc	agagaattat	600
atgtggacaa	acagctcata	agcccgtact	tttacatact	cacttcctga	attgcatatt	660
gaaaaagaga	gttcatgtaa	agccgattat	tatttaatat	aaagtatatg	tcacatagga	720
agcactagtg	tagagaaata	gggtctgang	gacaaggagc	ctgtgtgccc	gtgtcgg	777

<210> 2703

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 2703

cctaancgct	tggtactcg	nnctctctgc	aggcatccca	tgcgattcgg	gtagttaagc	60
cccccaaaa	caagacggna	aagtgaaaat	acttcagata	aacccaaaaag	aaagaaaaag	120
ggaggcaaaa	atggaaaaaa	tagaagaaac	agaaagaaga	aaaatccatg	taatgcagaa	180
tttcaaaatt	tctgcattca	cggagaatgc	aaatatatag	agcacctgga	agcagtaaca	240
tgcaaatgtc	agcaagaata	tttcggtgaa	cgggtgtggg	aaaagtccat	gaaaactcac	300
agcatgattg	acagtgtttt	atcaaaaatt	gcattagcag	ccatagctgc	ctttatgtct	360
gctgtgatcc	tcacagctgt	tgctgttatt	acagtccagc	ttagaagaca	atacgtcagg	420
aaatatgaag	gagaagctga	ggaacgaaag	aaacttcgac	aagagaatgg	aaatgtacat	480
gctatagcat	aactgaagat	aaaattacag	gatatcacat	tgagagtcact	gccaaagtcac	540
agccataaat	gatgagtcgg	tcctctttcc	agtggatcat	aagacaatgg	accctttttg	600
ttatgatggg	tttaaacttt	caattgtcac	tttttatgct	atttctgtat	ataaangtgc	660
accgaaggtn	aaaaagttat	ttttcangtt	gtanataatt	tatttaatat	ttaatggaaa	720
gtgtatttat	tttaccanct	cattaaacnt	tttttaaac	aaaanaaanac	nntctnnnnn	780
nntccc						786

<210> 2704

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2704

gngaggnnnn	tttnnaanat	cagctacttg	ttctttttgc	aggatccctc	gattngaatt	60
cggcacgaga	tttgaggacc	tcagacattt	ttaaaaatgt	aaagggggtg	gggtcaggct	120
cagtggctcg	tgctgtaat	cccagcattt	tggagggccg	aggcgaacgg	atcacttgag	180
gccaggagtt	tgaggctagt	ctggtcagca	tggtgaaacc	ccgtctccac	taaaacaaaa	240
agttttctgg	atgtgggtgg	acacatacct	gtaatcccag	ctactttggt	ggctgaggca	300
tgagaatcac	ttgaacccag	aagacagggt	gcagtgagcc	aagattgtgc	ccctgcattc	360
tagcctgggt	gacagtgaga	ctgtctcaaa	aaataaagggt	gtacagggat	tgtatatttg	420
acaacttggt	atgtaggatg	tgctacctct	aatgttccat	gctgttactt	agttttcact	480
cactactata	ttttggagat	ttgttcatat	tgctctgtgt	acattttaatt	cttcagtgtg	540
tatccaccac	atttaactta	ttcacttaca	gaactatgca	agaattttctc	tggtaaattt	600
cactaagtac	ttatgtactt	ttcagaacga	ttgtgagttt	acacccctac	cagcaggact	660
gagttgagta	cccatttcct	cacatncttg	ccagtcttca	tttgccctaat	tttgccattc	720
tcataatgtg	gcaattgtca	a				741

<210> 2705

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 2705

ttnaaatcgc	tnggctactn	gttctttttg	caggatecca	tcgattcgaa	ttcggcacga	60
ggtaagttat	ttgttaagtt	agaaccctca	gtgcatggtc	tagggatctc	tggaggtccc	120
caggaccctt	tcagagaagc	catgagggtca	aaactgtttt	cataagcaga	acccaaacat	180
tatttgactt	tttcaatgca	ttggcatttg	cattgatggg	acaaaagcaa	ggatgagtaa	240
aatgggtgat	tccttagcgt	gatcaagatg	gtagtaattg	tactagtagt	cattgtattc	300
ttcactgcca	caattttttt	taaaactacc	aattttaatt	aagaatgtta	gtcacagttg	360
tttaaaagct	cagaactccc	attaataaaa	aatttaaaaa	agaatgtctt	tggtaaagca	420
gcaaaaactg	gatgaatttt	attaactcta	gagccttgag	taaacatctt	ttcaggattt	480
tgtgtgttga	aatagaaaag	atgggccagg	tgtagtagct	catacctgta	atcctagcac	540
tttggggagg	tgacgtgagt	ggatcgcttg	agcctaggag	ttccagacca	gcctgggtaa	600
catagtgaat	accctgtctc	tacaaaaaat	acaaaaaat	tagctgggtg	tngtgggtgtg	660
cacctgggtg	tgtagcgtac	tttgggaagc	ttgaaggcaa	naaaggant		709

<210> 2706

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2706

gagaggnttt	ctaatacnng	ctacttggtc	tttttgcnng	atccctcgat	tcgaattcgg	60
cacgaggtgg	atacctctag	tgcaatttat	aagcaatatc	gtttacaaaa	ggttacagag	120
aagtatccag	aattgcagaa	tttacctcaa	gaactctttg	ctgttgaccc	aactaccgtt	180
tcacaaggat	tgaaagatga	ggttctctac	aagtgtagaa	agtgcaggcg	atcattattt	240

cgaagttcta	gtattctgga	tcaccgtgaa	ggaagtggac	ctatagcctt	tgcccacaag	300
agaatgacac	catcttccat	gcttaccaca	gggaggcaag	ctcaatgtac	atcttatttc	360
attgaacctg	tacagtggat	ggaatctgct	ttgttgggag	tgatggatgg	acagcttctt	420
tgcccaaat	gcagtgccaa	gttgggttcc	ttcaactgg	atggtgaaca	gtgctcttgt	480
ggtagggtga	taacacctgc	ttttcaaata	cataagaata	gagtggatga	aatgaaaata	540
ttgcctgttt	tgggatcaca	aacaggaaaa	atatgaacat	gatattttat	agcttgggaa	600
gaaacttgca	gatgatatgt	gctgcctttg	cttcttatca	ttcatggcag	atgtttgtgc	660
tttcaacatt	tcatattgaaa	tgggagaaga	taaaatcact	tgatgtacct	ggaaactatg	720
ctttacatgg	caatcaaagc	cttt				744

<210> 2707

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (699)

<223> n = A,T,C or G

<400> 2707

naatcgctag	gctcttgttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcta	60
tgatcaggac	tgactaggta	gttggcatgg	cccatagaga	acaaggaaaag	atgggctggg	120
ggattggccc	acctgggagc	cacatggggc	aaggggagcc	ctcaccctca	gccagccaga	180
cgagtgggat	ttccccagc	acagcatacc	cccttcacaa	agggacaact	aaagtgttcc	240
attaagcaag	tcctggatcc	tgtgcccccc	aactgggtga	gacaccccaa	tggttcacca	300
gacaccttat	acaagagcat	ttctactggc	atcaggtggg	tgcccctcaa	ggacagagat	360
cccagaggaa	ggagtggggg	ctcatctttg	ctgttctcca	gcaactctctg	gtgacatctt	420
caggtgtggg	agggacccag	ataagtaggg	cttgaagtga	atccccagca	aactgcagca	480
gccctacaga	agaggtgcct	gactgttcaa	aggaaaacag	aaagcaacaa	caacatcaac	540
caaaaagtcc	ccacgaaaac	ctcatctaaa	ggtcagcagc	ctcaaagatc	aaaatgagac	600
aaactcatga	agatgagaaa	ggaatgaaaa	acccctcaca	actcaaaagg	ccagantggc	660
ttgtttactc	caaatgatca	caacacctct	acagcaagg			699

<210> 2708

<211> 692

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (692)

<223> n = A,T,C or G

<400> 2708

tacangctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	gagagaacag	60
ggagaagaga	ggaagagggg	gctgcaggtg	ccagaagaga	acagggcgga	ctctcaggac	120
gaaaagagtc	aaaccttttt	gggaaaatca	gaggaagtaa	ctggaaagca	agaagatcat	180
ggtataaagg	agaaaggggt	cccagtcagc	gggcaggagg	cgaaagagcc	agagagttgg	240
gatgggggca	ggctgggggc	agtgggaaga	gcgaggagca	gggaagagga	gaatgagcat	300
catgggcctt	caatgcccg	tctgatagcc	cctgaggact	ctcctcactg	tgacctgttt	360
ccaggtgcct	catatctcgt	gactcagatt	cccgggactc	agacagagtc	cagggtgag	420
gaactgtccc	ccgcagctct	gtctcccttg	ctagagccca	tcagatgctc	tcaccagccc	480
atttctctac	tgggctcctt	tttgactgag	gagtcacctg	acaaggaaaa	acttctatca	540
gtactttgat	atgtcacagt	ttcatgttta	tccagttcaa	tgtattttta	aatttttctt	600
tgagacttct	ttgactgata	gattattgtg	aatgtgtttt	taaattttcca	aatgtttang	660

gatttttcata tcttttcttat gctgatttcc aa

692

<210> 2709

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (719)

<223> n = A,T,C or G

<400> 2709

gcnnnnnnntn	nnnttgcnaa	tcgctaggct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgagttttt	tctaataccaa	acgcacttct	ctttattcaa	accagggtca	120
aactgggtcaa	tgggaaacgc	cctgaagcca	cgtgcctggg	gagaaaggct	tcctactcgg	180
ttcggttcag	cgctgcgtgg	gatccacgcg	gctggctgtg	cgcaaccccc	acagttcacc	240
tcagacacta	ccaagcaggt	cagtcgacaa	aagcaaggaa	ttaaacaaaa	aacagaaata	300
cactcagtag	atctcttcta	gaagctccca	gagtttctgg	accaccaagt	cccaaccccc	360
aaagccagga	gcgagggggac	taacagcgca	ccccctccac	cagtgcgcgac	ggaaacccccg	420
ttttaaatta	aaaaataagc	cagtatacat	cgtagaaaat	ttctcttaaa	aatctcacaa	480
tttgtaaattg	tatatTTTTT	ctttaacata	aaagtttaca	atataccgta	aaacaaaagg	540
ctcaggaaaa	taattttccaa	aaaaaaggaa	gaaaaagaaa	cctgaagttt	tgaattaaag	600
ctgaagacat	tttttttaaaa	ccctgttggt	gaaccagtga	ctttttttta	ttgngctgat	660
gggttagaga	aagaaatatt	taaaaacaaa	nanannnnnn	annnnnnnnn	nnnnnnnaa	719

<210> 2710

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 2710

gncnntnttn	acttccnaat	cgtttggcta	ctcgtntctt	atgcaggatc	ccatcgattc	60
ngacagactc	gtctnatcag	agatggggag	aangtcgaag	cctatcantg	gagtgttagt	120
gaanggaggn	ggataaaaaat	tggngatgtn	gttggctcat	cnggtgctaa	tcancnnaca	180
tctgnaaaaag	tnntatntga	agggananaa	tttgattatg	tnttctcaat	tgntgttaat	240
gancgtggac	catcatataa	nttgccatat	aataccagtg	ntgaccctnn	nttanctgcc	300
taccactnnt	tacagancnn	tnanntgaat	ccnntgttnn	nngntcaact	ncnttaantc	360
atnantggtn	acacataagg	tnatangntg	gnactngaga	atnccagntt	nncagatcca	420
tttacangcn	gtnnacagg	atgtcacnnc	tctnctngat	ctnntgaenc	actgcccacn	480
gctgatectt	tnncaantgc	tgnanngnat	gtaccacatt	ctgaatgtat	cnnaaactnnc	540
atnncctgat	aancatccat	ntcaggggaan	attgcctccc	natcngnatg	cntntaaaac	600
aatgaatctt	gggcccctna	tanctaggct	gncacattat	gaccangctt	accctacacc	660
aatattangt	aaactgaaat	gaactttatg	gaactgnnnt	nttagcacia	ntttc	715

<210> 2711

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (721)
 <223> n = A,T,C or G

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<400> 2711
ttnaagcctn tnttnanttt caaatcgcta ggctacttgt tcttttttga ggatcccatc      60
gattcgaatt cggcacgaga ggaggaaaagg gaactccctg accccttgtg ctccccaagt      120
gaggcaatgc ctgcgcctgc ttcggtcgc gcacgggtgc cgcaccact ggcctgcgcc      180
cactgtctgg cactcgctag tgagatgaac ccggtacctc agatggaaat gcagaaatca      240
cccgctcttct gtgtcgctca cgtggggagc tgtagaccgg agctgttctt attcggacat      300
cttggtctct ccccaagagt tctggagttc gagaagtcaa ggatcggggg gctggcctat      360
tcagttcctg gtaagggctg tcttctctgg ttgcagttga actacttctt gctgtgtctt      420
cacaagcatg ccccatcctt gtgcccataa gaactccana ccccaaactc agctcataca      480
cacacggaag agagaagcat ctgaacatca agaagagaan aagctgctgg acatcagaaa      540
ctgtgaaagg agaggagttt ggctgagctc caggggaaga ctgcctgcac attctatccc      600
cttttcagtt ccccatcctg ctgtcagcca catttaccac tcaataaaat cttcacattc      660
accatccttc aaaaaaaaaa aangaaaaaa ctcgagcctc tagaactata gtgagtccga      720
t                                                                    721

```

<210> 2712
 <211> 711
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (711)
 <223> n = A,T,C or G

```

<400> 2712
gcngntnttn antttcaa atcgctnggcta cttgtttcttt ttgcaggatc ccatcgattc      60
gaattcggca cgaggataaa tacctcagcc cctgcgcttc ctcaaccac ctggcaagtc      120
ttcttaggat ctgatcccag tttctctgaa gcaatcctac ccagcccaa gcttcccaga      180
gtcgagcctt aatccttctc acttctcagt gtcagagcag aaatgaatcc tggggttgac      240
tgtgtocatt cgggttatta gcagctaaga agcccagacg agtagtgtga gctgccttgg      300
gagcctcagt gagggcactg ggactggcct cactctcttg ccccgagcct agtgggcttt      360
ctcctctgtc tctccggtgg cccagggcaa tgcactgcat cacgcaggga cgtgagttgg      420
agcggccacg tgctgccc aagagaggtct acgcccacat gcggggctgc tggcagcggg      480
agccccagca acgcccagc atcaaggatg tgcaagcccg gctgcaagcc ctggcccagg      540
cacctnctgt ctacctggat gtcctgggct agggggccgg ccaggggctg ggagtgggta      600
gcccgggaata ctggggcctg ccttagcatc ccccatagct tccacagccc cagggtgatc      660
tcaaagtatc taattcacct taacatgtgg gaagggacag gtggggcttg g              711

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<210> 2713
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (771)
 <223> n = A,T,C or G

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<400> 2713
nttnaacata cangtactt gttctttttt caggatccca tcgattcgaa ttcggcacga      60
ggtgaaagag ttcattgacct ccttgccgag ggctgggtgc tctgcgatca agggctgcag      120

```


aaccagnccc	ngngcntggg	ggnontgacc	tcttacannn	cgtgccgtat	tcnaatcggt	180
ggtatcctgc	tcaaggactg	tagctcntnt	acganaangn	tnacnnacnt	gatagacacg	240
tccacatcac	anttgcctcc	aaactgcctg	tgctcctcna	tggtgtctct	ccctccagaa	300
aacgcatgct	tattgacctt	ggttttgatc	tgcttgcccg	tgctgggtgag	gaagatggag	360
gagttggggg	cgctggcact	cattttgggtc	tgggcgcctt	gcanggctgg	gaagaagggtg	420
gagtgcacat	gggataaggc	actggatata	cgtcctgtct	cggaaagatct	gtgggaatga	480
gttgctgaag	gagggagcan	cctgnatggc	angaaaactg	atcttcccaa	tgcantcgct	540
gtcantgaag	ccgaaaatgc	ctttcacttg	gttgaaggta	acatgctttt	gaatcttcac	600
cacatttttg	tanaaacctg	aactgctcta	naactatant	gagtcntatt	acntanattcc	660
anacatgata	agatacattg	atgaatttgg	acaaaccaca	actagaatgc	antgaaaaaa	720
atgctttatt	tgtgaaattt	gtgatgctat	tgctttattt	gtaaccatta	c	771

<210> 2714

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 2714

gngagnnnnn	tttttaanat	cagctacttg	ttcttttngc	aggatccctc	gattcgctca	60
aaaccaaadc	tcaactcagc	tacagaatct	actgtgggtc	ttgtctgaaa	aaattagtcc	120
actcggttgg	aatcttgtct	cagagcatcc	tcactctctt	ctcaaaaagcc	cctaccccaa	180
caccggcggtg	ttggttgtct	attgaaactt	acaagtggat	ggaccctttc	tcccgaataa	240
actggccttt	gaaagctcta	atcgaaatgg	tttggcaaaa	tccatactgc	aggagattag	300
ggaggacaag	aatgatgtgc	ctttttgtac	tgctgagcct	gatgggtggg	ccactacttc	360
aggtaacttag	atgagtcttg	atgctaatag	aattgtgtcg	ccaaacatat	ctggacagtt	420
acaacctaata	ctatgcatta	attgggtttg	gaattgcttg	aaattattgn	ttaattcaat	480
gttttaattc	gttttctctaa	aaattttaagt	gcccccatca	tcttgcaata	cctcagtgc	540
gcaactcctt	gattcttgga	tgactgaact	tnctaacttg	actctgcccc	ttgggtcccat	600
ttttcatgtt	tttcacaaat	agttaaccag	gtacctacta	ctgtgcaccg	ctgcagaagc	660
attgaaggat	gtatgtgatg	agtnaaaaca	cccaacctgc	tctgctgngt	taggattatg	720
acngaaactg	gtcaaaaatca	catgtgaaca	aa			752

<210> 2715

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (742)

<223> n = A,T,C or G

<400> 2715

gnnagnnnnn	nnnnngnnng	nttttnaaga	ncagctactt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	gggaaccccc	accattaagc	taaagtaaaa	cccttttgag	120
ggaagagggg	gactggggag	aagggaagag	agagaaggca	gggagagtag	ggagagaaaa	180
ccttccagca	gccagtaaaa	ctgcgggcga	agagatctac	ccgtctccct	ccctcccaca	240
gttaccattg	gccttgctcat	cgcaagcatt	tgacaaaagac	ttgcttgtct	tgggcctgtc	300
acctcctgaa	aggetgcttt	agctgtggat	gcccttgatt	aaggagagaga	gcgccctagga	360
gctgcctgcc	ccagctgggg	tgacggctgt	agggctgggt	ctatgttgca	agccctatat	420
cctagcatgc	agtggaaagt	gcttagctct	ctccctcctg	acctctgggc	agccagtc	480

caaagcagag	agacgtggcg	gcatgtgggc	agcatgcccc	ggttccttgc	tgactcagca	540
cttattttctg	tagtttttaa	aaagaattta	atgttttttg	ttgtattttt	ttgggggggt	600
gaggggtgggc	aaaaacatgg	gggtagttct	gagttgttag	aaatgtttct	tgaatcaaag	660
tttgtttgaa	gacacctgtg	cctttgtacc	cattataaga	tggtcattaa	gacccaagaa	720
actgataact	ttggnttttt	tt				742

<210> 2716

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2716

gnnagnnnnn	nnnnngnnng	nttttnnaaga	ncagctactt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	gggaaccccc	accattaagc	taaagtaaaa	cccttttgag	120
ggaagaggga	gactggggag	aagggaaaaag	agagaaggca	gggagagtag	ggagagaaaa	180
ccttccagca	gcccagtaaa	ctgcggggcg	agagatctac	ccgtctccct	ccctcccaca	240
gttaccattg	gccttgtcat	cgcaagcatt	tgacaaagac	ttgcttgtct	tgggcctgtc	300
acctcctgaa	aggctgcttt	agctgtggat	gcccttgatt	aaggagagaga	gcgcctagga	360
gctgcctgcc	ccagctgggg	tgacggctgt	agggctgggt	ctatgttgca	agccctatat	420
cctagcatgc	agtggaaaag	gcttagctct	ctccctcctg	acctctgggc	agccagtcac	480
caaagcagag	agacgtggcg	gcatgtgggc	agcatgcccc	ggttccttgc	tgactcagca	540
cttattttctg	tagtttttaa	aaagaattta	atgttttttg	ttgtattttt	ttgggggggt	600
gaggggtgggc	aaaaacatgg	gggtagttct	gagttgttag	aaatgtttct	tgaatcaaag	660
tttgtttgaa	gacacctgtg	cctttgtacc	cattataaga	tggtcattaa	gacccaagaa	720
actgataact	ttggnttttt	tt				742

<210> 2717

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2717

gnnnngnnnn	nnnnngnnng	ntttntagat	anagctcttg	ttctttttgc	aggatcccat	60
cgatttgaat	tcggcacgag	gccttctgt	nnacagcgng	gcaagangaa	tcattntgnc	120
tgngcatttt	gcctncttta	tctgggnnta	tantgtacat	nnaggacaga	ccactcctaa	180
ttgacaacat	ctannctntn	tggatgtnaa	agangttgcc	agngtatnac	aaangtngan	240
ntagnanact	aatntntttt	gtacattntg	gnttacaagt	cctaggaaan	attggcttct	300
gaaaatttga	tgntnnttgg	gttgatggag	atggnaaggg	ntctangcca	gaatgntcac	360
atttgggaaga	ctctntcnaa	ttntnactgt	nggtacatgt	ttgcanntat	attcaanact	420
gctgtntaca	tagtagacaa	atnaactcct	tacttgaaac	atctagtcta	tctagatgtn	480
tagaagtgcc	ccatgnatgc	taaatgtata	cgtagtgaac	taccactttg	nnaatatctc	540
tttgctaaaa	ttcatnccga	atgcttttgg	aaattgantn	gnnaanncac	ctttgtnaac	600
agnntantgn	tgnttatect	tgnncaatat	nttaaaggac	gtaaggangg	aagaaattgc	660
aaaaagggat	atcctancgt	gngcatactt	gggcatttca	gacccttggt	ctatatgntn	720
gggcatctgg	ggt					733

<210> 2718
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 2718

gnnnngnnnnn	nnnnnggnng	ntttntagat	anagctcttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	gcentcctgt	nnacagcgng	gcaagangaa	tcatnntgnc	120
tgngcatttt	gcctnctta	tctgggnnta	tantgtacat	nnaggacaga	ccactcctaa	180
ttgacaacat	ctannctntn	tggatgtnaa	agangttgcc	agngtatnac	aaangtngan	240
ntagnanact	aatntntttt	gtacattntg	gnttacaagt	cctaggaaan	attggcttct	300
gaaaatttga	tgntcnttgg	gttgatggag	atggnaaggg	ntctangcca	gaatgntcac	360
atttggaaga	ctctntcnaa	ttntnactgt	nggtacatgt	ttgcanntat	attcaanact	420
gctgtntaca	tagtagacaa	atnaactcct	tacttgaaac	atctagtcta	tctagatgtn	480
tagaagtgcc	ccatgnatgc	taaatgtata	cgtagtgaac	taccactttg	nnaatatctc	540
tttgctaaaa	ttcatncgaa	atgcttttgg	aaattgannt	gnnaanncac	ctttgtnaac	600
agnntantgn	tgnttatcct	tgnncaatat	nttaaaggac	gtaaggangg	aagaaattgc	660
aaaaagggat	atcctancgt	gngcatactt	gggcatttca	gacccttggt	ctatatgntn	720
gggcatctgg	ggt					733

<210> 2719
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 2719

nnngnnnnnn	nnnnngnnng	nnnnnnnnng	nnnnntnttt	agatcagctc	ttgttctttt	60
tgcaggatcc	catcgattcg	aattcggcac	gagctcatgc	ttcaagaagc	agataaactg	120
ggctgcaaac	agtttggtac	tcctgcagat	gtgggtttcag	gcaatcctaa	acttaattta	180
gctttttag	ctaatttggt	taacacatac	ccgtgcctgc	acaagccgaa	taataatgac	240
atcgatatga	atttactgga	aggagagagc	aaggaagaga	gaacatttcg	gaactggatg	300
aattccttgg	gagtcaaccc	atacattaat	catttggtaca	gtgaccttgc	agatgcttta	360
gtgatctttc	agctctatga	gatgatccga	gtgccagtca	actggagcca	tgtcaacaaa	420
cctccttatc	ctgcccttgg	agggaacatg	aagaagggtga	atgaaataat	ggccatggat	480
atattgntat	tgttctgata	tgaaacaaaag	aatttagagt	ttcatgaagt	tatacgtgct	540
ctgtccccac	aattctgatt	cagacaaaaa	tgtgttaagc	ttaatagcct	ttttacaagt	600
ttgctttaat	aaatttgaag	atgaaggcaa	aaaaaaaaaa	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnanaaaaaa	aaaacctngn	ccctttaaac	tttnggnngc	720
ntttncntaa	nncnnaactt	gaaaaancn				749

<210> 2720
 <211> 768
 <212> DNA
 <213> Homo sapiens

<400> 2720

```

acatacagct acttgttctt tttgcaggat cccatcgatt cgagacagtc aagctgcatt      60
gcaacactgc atgtctgact aacagcatac attgtcctga agaagcatct gtaggggaatc      120
cagaaggagc gttcatgaag atgttacaag cccggaagca gcacatgagc actcagctga      180
ctattgagtc ggaggcgccc tcagacagca gtggcatcaa cttgtcaggc tttgggggtg      240
atcagcttga aattcagcta accgagcagc tacggtcctt catccccaac gaggatgtga      300
gaaagttcat gtctcatgtt atccggacct tgaaaatgga atgttcagaa acacatgtgc      360
aaggggagctg tgccaagctc atgttgcgaa caggcctcct gatgaagctt ctacgcgagc      420
agcaggaagc aaaggcattg aatgtagaat gggatacgga ccaacaaaaa acaaattata      480
ttaatgagaa catggaacag aatgaacaga aagagcagaa gtcaagttag ctcatgaaag      540
aagttccagg agatgactat aagaacaaac tcattcttgc aatatctgtg actgtaatac      600
taataatttt gattataatt ttttgtctta tagaggtgaa ttcacataaa agggcatcag      660
aaaaatcaaa gacaacccat caatatcagg agcctgagca tgagttaaag catgtggatg      720
gcctggaact atgtttttta aatggtatta aatattggtt ttttactt      768

```

<210> 2721

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 2721

```

gagaggnnnt tttgaagnen gctngnngnc ttttnganna gttntcgten gcangatgna      60
cacacggaga cagatactgt ggaccccaana agcaatggac ggccccccac tgctgctgct      120
gtccccaaat ctgcgaaata catcgctcag gtgctgcagg actcagaggt ggacggggat      180
ggggatgggg ctctgaggag ctacggggat gagccccat catcctcatc ccaagatgag      240
gagttgctga tgccacccga cgcctcaccg gacacagact tcagtcttgc gaggacagcc      300
tcataagagaa tgagattcac cagtaagggg agggaggggc cctggaggcc acatcctgcc      360
ccacccacc cccactccca cngacactaa aacgctaata atttattana tctaaagccc      420
cttctnccca gccctgctt tcattaaggt atttaaactt gggggtttca ctgctctccc      480
cccatgatgg aaggagggag ccccccaacc tcagttagga nagccccgag ccggccccgg      540
ggcaaagagg ggtgcagagg gagttcccca natcaagtec cccaaccctt cccactagta      600
catgaccagg anaggggtta tgataccaac aagagtcctg gtgcacctgg tgccgggtggc      660
tgagacctg gggggcangt ggatctgggg ctgatcccc ctcctgtttt tcacccacat      720
ttctctggga tttgc      735

```

<210> 2722

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 2722

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tnnnnnnttt tnaaccagnn ttcnaatcct tggcggnnagg ctacttgctt tttttgcagg      60
atccccatcga ttcgaattcg gcacgagaag aaaggctgcc tttgagttga ccaaccatgt      120
tgagggtgta gatgggtgct aaactcactg tagtctgagt aattgacttc cacaagtcac      180
ccccactgtt gagcctttca aaatgaagtc tcagtatatt tacaaattaa tggacatcct      240
ctctggggat tagtcatatt ctaattcaac aaagacattg tttgaagttt gtttttgttt      300
gctaaatgaa ctaaaaatta tgagatttgc acctaaagggt actgaggtaa aggagagcca      360

```

aaagtggggt	agtcaatcta	cttattcaga	atgagtcgat	aattttaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg	480
gatcaatgat	gaaactagcc	aaatctgagc	atcagaaggc	tttccggtct	acctgatgca	540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctgggtgtg	gtgtgggggg	tgtgtgtgtg	nnnnncnnnn	nnnnnnnnnn	nnngnnncnn	660
nnnnngnnnn	nnnnnnntnn	nnnnngnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnc	716

<210> 2723

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2723

gagaggnntt	ttanagcctg	ctacttggtc	tttttgcnga	tcatcgattc	gaattcggca	60
cgagaaatac	ctcaggaaaa	acgaggaggt	gaagtattgg	attcttctca	tgatgacata	120
aaacttgaaa	aaagtaatat	tttgctgctt	ggaccaactg	ggtcaggtaa	aactctgctg	180
gcacaaaccc	tanctaaatg	ccttgatgtc	ccttttgcta	tctgtgactg	tacaactttg	240
actcacgctg	gatatgtacg	cgaagatatt	gaatctgtga	ttgcaaaact	actccaagat	300
gccaattata	atgtggaaaa	agcacaacaa	ggaattgtct	ttctggatga	agtagataag	360
attggcagtg	tgccaggcat	tcatcaatta	cgggatgtan	gtggagaagg	cgttcatcaa	420
ggcttattaa	aactacttga	aggcacaata	gtcaatgttc	cagaaaagaa	ttcccgaag	480
ctccgtggag	aaacagttca	agttgataca	acanacatac	tgtttgtggc	atctgggtgct	540
ttcaatgggt	tacacagaat	catcancagg	aggaaaaatg	aaaagtatct	ttggatttgg	600
aacaccatct	aatctgggga	aaaggcagaa	gggctgcagc	ttgctgnaga	ccttgnttaa	660
tcnaaagtgg	ggaatccaat	acttacccaa	gacattgaan	aaaaagatcg	ggtntgcgtc	720
atgtggaaac	cngagatctg	attgagtttg	g			751

<210> 2724

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2724

gngagnnnnn	tttanaanat	caggctactt	gttctttttg	caggatccct	cgattcgtaa	60
gtgggctaag	accagaagag	agacttattc	gcttaagtag	aaacatgtgc	cttttattaa	120
ctgcagtcct	gcatttttgc	catggaatga	cagaccctgt	attaatgtct	ctcagtcgct	180
ctcatgtgtc	atcttttcgt	agacattttc	ctgtgctgtt	tgtctctgct	tgctgtttta	240
ttcttcctgt	cttactcagt	tatgttcttt	ggcatcacta	tgcactaaat	acatgggttg	300
ttgcagttac	agcattttgt	gtggaactgt	gcttaaaagt	nattgtttct	ctcactgnnt	360
atacgttatt	catgattgat	ggctactata	atgtcctctg	ggaaaagctt	gacgattatg	420
tctactacgt	tcgttcaaca	ggcagtatta	ttgaatttat	atgtggagtt	gtaatgggtg	480
gaaatggggc	ttacactatg	atgtttgagt	cgggaagtaa	aattcgggct	tttatgatgt	540
gcctacatgc	atatttttaac	atctacttac	aagccaaaaa	tggttggaag	acatttatga	600
atcgtaggac	tgctgtgaag	aaaattaatt	cacttcctgn	aataaaaggg	agcccgctta	660
caagaaataa	atgaaggat	gtgcaatctg	ctatcatgag	tttacaacat	ctgctcgtat	720
tacaccgtgt	aatcattatt	tccatgccc				749

<210> 2725
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2725

gagnnnnnttt	taataacagc	tacttgttct	ttttgceggat	ccctcgattc	gaattcggca	60
cgagcgtgga	gagaatactc	agaaatgaac	ctcttttaaag	ccttgccagga	atgagtcact	120
cttacttaat	gaaatgttaa	agccaattaa	aaagcatgct	gtgatgccca	gcttcccttt	180
ccacaggggtg	catgcgtctc	ctgctgggtga	atcacatgcg	gcaagaggca	actggctcca	240
cagcctggga	tgctgccgta	ccaagaggaa	agaagcagca	aaatgccttt	acgttgttct	300
aaacccccga	cgcataaagt	gtagaggagg	gatggccaag	gggtgggtggg	tagaaagtgt	360
gttcaggctg	acactggcaa	tgagtacaga	taatttcact	ttcctcttca	ggggcaaagg	420
ctgatggcct	ctacctttgt	atccaggaga	aactgcagag	cagccctgtg	actttacaaa	480
atatgctacc	tcaaagtgtc	acccgataaa	cctttctaat	tgtaagtgcc	cttactaagg	540
gcacatgtct	taatcaaagt	tagttttttg	ttttctgggt	tgnttttttt	ttttgnatat	600
tgatgaatga	gatcttacct	attaaatata	ttattggatt	atgggtcctg	aaggtcatta	660
aaagtttgag	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtttatgac	ttaaatatct	720
ttacgtgnng	tttttaaaac	ttgggt				746

<210> 2726
 <211> 967
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(967)
 <223> n = A,T,C or G

<400> 2726

agtanggcgn	ttcctaattn	annnggctaa	gcgactttna	aagangaggc	tngcgtgntg	60
aataccgnnc	gaggggggat	nacaatagta	nacnnggtnc	caatncatgc	ttaacaccgc	120
atntctttac	ccccnannnn	ncacanatgc	agacncacac	atngcanncg	nacacncaga	180
cacacacang	caagcactnn	catgcatggc	ccatgctcac	acacntgnan	nnaacatgcn	240
gtagacatnt	nagacacgtc	atgtnacaca	tgtnacacan	gnnnaanaca	ctgcttttnc	300
ngcanacnca	gacggcacnn	ngagacanac	atgcnnaaac	aacatgctcn	ctcacntnna	360
nncgntgggc	cngtagtagt	gtactgtggg	tgtnactggg	tgccatcnac	nnngtatttt	420
acgnnctttt	aactaaaaan	cttgagagct	tnanttnntn	tggtgantnc	aatncctana	480
antnncttga	gnnggatgaa	ccctaananc	ctggccctnn	tnccnctttc	aaggccnagn	540
aattganatt	attncntant	ngnncacgaa	gcttntggta	ncangngncc	cgagnnctnt	600
tnaaanttnn	ctntttttnan	aatnaaacat	tttancgggt	ctnaggancc	gngcctncng	660
ggtanggan	naattgtnc	tgggnatagt	tctcacaant	natnttnaag	gggnnaagng	720
atnngngngg	ncctnttatg	nggcnngeca	annaangggg	tcgnggttaa	natattccaa	780
gntaacanan	gnacnatggg	accnatccct	ntnngaagna	aggaactncc	tgnncgacta	840
nnnactatgn	naaatattct	cacatntaca	naaaaagnag	gnnccnnggt	ncttnaagnt	900
tntgcatagn	nactatnct	gggacnggtt	aacnnaant	ntatgcttta	nnngatnggg	960
gcttnnn						967

<210> 2727
 <211> 967

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(967)
 <223> n = A,T,C or G

<400> 2727
 agtangggcgn ttccctaattnn annnggctaa gcgacttttna aagangaggc tngcgtgntg 60
 aataccgnnc gaggggggat nacaatagta nacnnggtnc caatncatgc ttaacaccgc 120
 atntcttttac ccccnannnn ncacanatgc agacncacac atngcanncg nacacncaga 180
 cacacacang caagcactnn catgcatggc ccatgctcac acacntgnan nnaacatgcn 240
 gtagacatnt nagacacgtc atgtnacaca tgnnacacan gnnnaanaca ctgcttttnc 300
 ngcanacnca gacggcacnn ngagacanac atgcnnaaac aacatgctcn ctcacntnna 360
 nncgntgggc cngtagtagt gtactgtggg tgnnactggg tgccatcnac nngtattttt 420
 acgnnctttt aactaaaaan cttggagcct tnanttnntn tgggtgantnc aatncctana 480
 antncttga gngggatgaa ccctaananc ctggccctnn tnccnctttc aaggccnagn 540
 aattganatt attncntant ngnncacgaa gcttntggta ncangngncc cgagnnctnt 600
 tnaaanttnn ctntttttnan aatnaaacat tttancgggt ctnaggancc gngcctneng 660
 ggtanggann naattgtnc tgggnatagt tctcacaant natnttnaag gggnaagng 720
 atnngngngg nccntntatg nggcnngeca annaangggg tcgnggttaa natattccaa 780
 gntaacanan gnacnatggn accnatccct ntnggaagna aggaactncc tgnncgacta 840
 nnnactatgn naaatattct cacatntaca naaaaagnag gnnccnnggt ncttnaagnt 900
 tntgcatagn nactatncnt gggacnggtt aacnnaant ntatgcttta nngatnggg 960
 gcttnnn 967

<210> 2728
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 2728
 gagagnnntt tntaatnnca gctcttggtc tttttgcggt ccctcgttcg agaaaatgaa 60
 gatgaacaga atagtccgcc aaaaaagggt aaaagaggcc gaccaccaa acctcttggt 120
 ggaggtacac caaaagaaga gccacaatg aaaacttcta aaaaaggaag caaaaaaaaa 180
 tctggacctc cagcaccaga ggaggaggaa gaagaagaaa gacaaagtgg aaatacgga 240
 cagaagtcca aaagcaaaca gcaccgagt tcaaggagag cacagcagag agcagaatct 300
 cctgaatcta gtgcaattga atccacacag tccacaccac agaaaggacg aggaagacca 360
 tcaaaaacgc catcaccatc acaacaaaaa aaaaatgtcc cgtgtaggac gtccaaaca 420
 agcagctact aaggaaaatg attcaagtga agaagtagat gtgtttcaag ggtagctctc 480
 ctgtcgatga tattccacag gaagaaacag aggaggagga agtttctaca gtaaatgtac 540
 ggcggcgaag tgctaaaagg gaacggcgat gaacaaatgt aattaataac tttctctgtg 600
 aaagctttgg aaaaatcttt tttttttttt ggtcaagctt gagcttgata aagcctttga 660
 tgcacaaaat gggctgctga aaatggacag ttggncttac tttggtgccc ctactttgtg 720
 gcacatcttt accatcac 738

<210> 2729
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2729
 gnnngnnnnn nnnnnnnnngn nnnnnnnnnn nngnnngnnt ttatgnatca gctacttggt 60
 ctttttgcag gatcccatcg attcgctcca ttgtgaagat ccaggcattt ttccgagcca 120
 ggaaagccca agatgactac aggatattag tgcatgcacc ccaccctcct ctcaagtgtgg 180
 tacgcagatt tgcccatctc ttgaatcaaa gccagcaaga cttctctgct gctgtgatct 240
 gcacaccctc caacctgggc agggactggg gggatgcagt gtgtgttagt gcccatgtgg 300
 cattgtggca ctgttgcccc ccatggcggc atgggcaaga tgaccttcca ttagcttcaa 360
 gtcttgttct cttgtctgtg gtctgtttaa tatgtgggtc actagggtat ttattctttc 420
 tcccatcctt acactctgga tcattgtgca gacttaatca ggggttttaac gctttcattn 480
 tnnntttttt ttttttgact caaagagagt tctcattttc cctattcaaa ctaataccca 540
 tgccgggttt tttaccttgg atttaaagtc accttangtt ggggcaacag attctcactc 600
 atgtttaana nctgggtattt cagcttcata agatcaaaga ggagtctttc cttttctctt 660
 ttaccctcag gatctcatcc cttacagctg actcttncag gcaatttcca tagaactgna 720
 gtctgtcttt ggcacaagct ntntgtg 747

<210> 2730
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 2730
 ttnattaatg cttggctact cgttctttnt gcaggatccc tcgattcgaa ttcggcacga 60
 ggtcctaaag ccgctgaagc aaaaaccatg ataaaacatt ctgctttctt ttcttttaca 120
 accccacgaa cgcaaaaaaa aaaaaaaaca aaaacaaaac aaaaaaaaga aacaacaaca 180
 aaacccaaac tatttgtagg aaaaaatggt tttgtacatg ggatgaaaca atataaatc 240
 aaaacttaca gataaggggt agctctatca ctcaactctt taaaaagttt atatgaatat 300
 ccagtcaaaa ccaacacggg attgcccttg aaatgttaac tagacggatt tccaaggaga 360
 ccacaggact gtatactgtc ttggaatgtc ctcaagaagg tctgtcattg atcaggtaac 420
 agtaaaaacc ccagtttctt ttcttagctg atgtcttttg ccagaacacc gtgggctgtt 480
 acttgctttg agttggaagc ggtttgcatt tacgcctgta aatgtattca ttcttaattt 540
 atgtaagggt ttttttgtac gcaattctcg attctttgaa gagatgacaa caaattttgg 600
 ttttctactg ttatgtgaga acattangcc ccagcaacac gtcattgtgt aaggaaaaat 660
 aaaagtgtcg ccgtaccaa aaaaaaatnn nngnccnnan nncnaannct tngnnt 716

<210> 2731
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 2731
 tgnnnntttt nagtcaance ttggaaatcc ttggctctng ccgctntctg caggatccca 60

tcgattngct	nngcagctcc	ccttccantg	agagccctnc	acacnatttn	anaaaacct	120
ncgnatgcat	naactttcaa	nccatancat	gcatncnggn	tattgntnca	tgtgatcat	180
nnaacctnnn	gtccaacagg	gcggnnncgt	aatggntgnt	tnnttnactt	tttantntgt	240
ggngtatnnn	ntagnnncng	cggngcnggc	tcannttact	ggaccttgca	natcctnnga	300
ttnngcnntg	ngngnntcng	gctcnnacnn	acatgngntt	acagacatnc	tggcatgttc	360
atntcnnctg	gntntcnctn	ngtnaanang	gngnctnanc	ntgntngcca	agctgntnnn	420
annctcctgg	gntacnttna	nnnnnnatnt	tgactcatac	cggtgctgat	tncaaggcnt	480
gagccaccac	tcctggccaa	ngnngcggtg	cttgacattn	cnactaagac	tatgactatn	540
atgntnccgt	gacgacacta	tagtcctccn	nacttntcng	tcaagtggca	tctgggattg	600
tntcaacatg	gataaanggg	ccttctanat	atcnnggcgt	tgancntcat	ttncctgcnt	660
tcctganaat	ttngngcact	gaancttana	gggccttatt	cncncnngan	cancacncgn	720
ngataactanc	c					731

<210> 2732

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 2732

tgnnnttttn	nagtcaancc	ttggaaatcc	ttggctctng	ccgctntctg	caggatccca	60
tcgattngct	nngcagctcc	ccttccantg	agagccctnc	acacnatttn	anaaaacct	120
ncgnatgcat	naactttcaa	nccatancat	gcatncnggn	tattgntnca	tgtgatcat	180
nnaacctnnn	gtccaacagg	gcggnnncgt	aatggntgnt	tnnttnactt	tttantntgt	240
ggngtatnnn	ntagnnncng	cggngcnggc	tcannttact	ggaccttgca	natcctnnga	300
ttnngcnntg	ngngnntcng	gctcnnacnn	acatgngntt	acagacatnc	tggcatgttc	360
atntcnnctg	gntntcnctn	ngtnaanang	gngnctnanc	ntgntngcca	agctgntnnn	420
annctcctgg	gntacnttna	nnnnnnatnt	tgactcatac	cggtgctgat	tncaaggcnt	480
gagccaccac	tcctggccaa	ngnngcggtg	cttgacattn	cnactaagac	tatgactatn	540
atgntnccgt	gacgacacta	tagtcctccn	nacttntcng	tcaagtggca	tctgggattg	600
tntcaacatg	gataaanggg	ccttctanat	atcnnggcgt	tgancntcat	ttncctgcnt	660
tcctganaat	ttngngcact	gaancttana	gggccttatt	cncncnngan	cancacncgn	720
ngataactanc	c					731

<210> 2733

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2733

ccttnccctg	aaagccncaa	gctacttgnt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagat	tcccatctgc	ttttacttcg	ggtagcaga	gggggatgtg	tgtgtgcgtg	120
tgtgtcagtc	tgttttgtgag	tgtgttaaag	gctacagacc	acagttggtt	taaaatgctt	180
ggaacttccc	aaactggctt	tactttatgt	ttatacagtg	ctcaggggta	acgcagtaca	240
tccatgccat	tgtgtgggga	ggtatccccg	gatgcatgtg	ttttgagtct	ataaatatag	300
aaaatatata	ttggtttctt	tttccaactt	aataggtcta	ttaaagcatg	aaatgaaagg	360
ttgcatatca	tgcattcagg	ntattaccta	atttttgnnc	tgacagtgca	tgncnttgga	420

agcatgctga	aacacccgatt	aacacaggag	tcgngtaaca	cngagaaaca	tttgatanat	480
gtacagcatt	ggctattgca	ttcctatagt	gtatataccn	gggtattgct	tcaaaccctg	540
cngaccncta	ttttcccntc	tncnnccct	gtgttctttg	gtcaaacnta	atnnannaca	600
tncatttgc	nttgngttn	naaaacttan	anmtcntnga	tngtgnannt	anacnangta	660
actttttacc	taaanggtgt	ngcctgnccc	caaaattgcc	attatngggg	ccnctatatt	720
ccnctantnt	ananttgttc	ncacattncg				750

<210> 2734

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 2734

anttgaantc	ttctaattgc	tggcnntgca	ggatcccatc	gattcgaatt	cggcacgagg	60
gcacaaggac	cctcctgcca	acctgtttga	agacatggac	ctcaacaagg	atggcgagggt	120
ccctccggag	gagttctcca	ccttcatcaa	ggctcaagt	agtgagggca	aaggacgcct	180
catgcctggg	caggacccctg	agaaaaccat	aggagacatg	ttccagaacc	aggaccgcaa	240
ccaggacggc	aagatcacag	tcgacgagct	caagctgaag	tcagatgagg	acgaggagcg	300
gggtccacgag	gagctctgag	gggcaggggag	cctggccagg	cctgagacac	agaggcccac	360
tgcgaggggg	acagtggcgg	tgggactgac	ctgctgacag	tcaccctccc	tctgctggga	420
tgagggtccag	gagccaaacta	aaacaatggc	agaggagaca	tctctggtgt	tcccaccacc	480
ctagatgaaa	atccacagca	cagacctcta	ccgtgtttct	cttccatccc	taaacacttt	540
ccttaaaatg	tttggttttg	caaagccaat	ttggggcctg	tggagcctgg	ggttggatag	600
ggccatggct	gggtccccac	catacctccc	ttcacatcac	ttgacacagc	tgagctttgt	660
tatccatctt	cccaaacttt	ctctttcttt	gtacttcttg	tcacccccac	tc	712

<210> 2735

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 2735

nttaancntt	nanannngtt	ntttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
cangggactt	nctgtaacaa	tgcattctcat	atttggaatg	accagtcct	ctcccaagtc	120
cacacagggg	aggtgatagc	attgctttcg	tgtaaattat	gtaatgcaaa	attttttttaa	180
tcttcgcctt	aatactttat	tattnnngtn	tattttgaat	gatgagcctt	cgtgcccccc	240
cttccccctt	ttttgtcccc	caacttgaga	tgtatgaagg	cttttggtct	ccctgggagt	300
gggtggaggc	agccagggtc	tacctgtaca	ctgacttgag	accagttgaa	taaaagtgc	360
caccttaaaa	anaaatgcat	anaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	420
acgtagatcc	agacatgata	agatncatng	atgagtttgg	acaaaccaca	actagaatgc	480
agtgaaaaaa	atgcttttatt	tgtgaaat	gtgatgctat	tgctttat	gtaaccatta	540
taagctgcaa	taaacaagtt	aacaacanca	attgcattca	ttttatgttt	cagggttcagg	600
gggaggtgtg	ggaggttttt	taattcgngg	ccgnggcgcc	aatgcatngn	gcccggtagc	660
cagcttttgg	tccctttant	gaggggtta	ngcgcgcttg	gcgtaatcat		710

<210> 2736

<211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 2736

tctaataccng	nnttttnantt	nenaatcgcn	aggctacttg	ttcttttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	aaagaactgt	ctcacgcaac	cattgattct	aaaactggcg	120
atttagggga	catcaatgct	gagcagcttc	ctggggaggga	acatcttaat	gaacctggta	180
ctagagaagg	acagactcgt	ctaatacagag	atggggagaa	agtcgaagcc	tatcagtgga	240
gtgttagtga	agggaggtgg	ataaaaattg	gtgatgttgt	tggtctcatct	ggtgctaate	300
agcaaacatc	tggaaaagtt	ttatatgaag	ggaaagaatt	tgattatggt	ttctcaattg	360
atgtcaatga	aggtggacca	tcatataaat	tgccatataa	taccagtgat	gacccttggt	420
taactgcata	caacttctta	cagaagaatg	atgtgaatcc	tatgtttctg	gatcaagtag	480
ctaaatttat	tattgataac	acaaaagggtc	aaatgttggg	acttggggaat	cccacttttc	540
agatccatct	acaggtgggtg	gtcgggtatgt	tccgggctct	tcgggatctt	ctaacacact	600
acccacagca	gatcctttta	caggtgctgg	tcgttatgta	ccaggttctg	caagtatggg	660
aactccatgg	cgggagttga	tccattacag	ggaatagtgc	ctaccgatca	ctgn	714

<210> 2737
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 2737

aatntttgct	ctcgttcttt	ttgcaggatc	cctcgattcg	aattcggcac	gaggctatct	60
gaacacagtg	gaaagatggg	accctcagge	tcgccagtg	aattttgttg	ccactatgtc	120
tacccttagg	agtacagtan	gtgtggcagt	actaagtgg	aaactttatg	canttggtgg	180
tcgtgatgga	agttcttgtc	tcaaatacagt	anaatgtttt	gacccata	ctaataagtg	240
gacactgtgt	gcacagatgt	caaaaaggan	aggtggcgta	ggagtgcga	cctgnaatgg	300
actgctgtat	gctatagggg	ggcacgatgc	tcccgcattc	aacttgactt	ccagactctc	360
agactgtgtg	gaaagatatg	atccccaaaac	agacatgtgg	actgcagtag	catccatgag	420
catcagcaga	natgcagtgg	gggtctgttt	acttggtgat	aagttatatg	ctgntggggg	480
gtatgatgga	caggcatacc	ttaatactgt	ggaggcttat	gatccccaga	caaataagtg	540
gacccaggta	ttttcacata	cttttgagga	cagcaaagat	cacctgggtg	ccatcaagca	600
naccatctgg	aggcaaaaact	ccttatctga	ggaattcaga	agtcattaga	ctgcctatt	660
atctaaagcc	cggcatcttg	tactaggctt	ctttaccaaa	aatgtat		707

<210> 2738
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 2738

ctttaaatct	caagctcttg	ttctttttgc	aggatcccat	cgattcggga	gagaaacctt	60
atggatgcat	tgactgtggc	aaggccttca	gccagaagtc	ttgccttgta	gcacatcaga	120
gatatcatat	aggaaagact	ccctttgtat	gtcctgaatg	tgggcaaccc	tggtcacaga	180
agtcaggact	cattagacat	cagaaaattc	actcaggaga	gaaaccctat	aaatgcagt	240
actgtgggaa	agccttcctt	acaaagacaa	tgctcattgt	acatcacaga	actcacacgg	300
gagagagacc	ctatggctgt	gatgagtgtg	agaaagctta	cttctatatg	tcttgcttg	360
ttaaacataa	gagaatacac	tcaagggaga	aacgggggga	ttcagtgaag	gtggaaaatc	420
cttccacagc	aagtcacagc	ttaagtccta	gtgaacatgt	gcaggggaaa	agccctgtta	480
atatggtaac	tgtggcaatg	gtggcagggc	agtgtgagtt	tgcccacatc	ctgcattcat	540
gataaacagt	ttgctgtttg	atcatatagc	ctncagcgga	atgctgagtt	tgctcatgtc	600
catgggcctt	tggctccctg	cactaatatg	tatagtaggg	tttacaagat	atgaaatata	660
ttttactttt	ttatatctta	taaacctcac	tacccttcc	acaata		706

<210> 2739

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 2739

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aatcccagct	actcgggagg	ctgaaacagg	agaattgctt	gaacctggga	ggtagctgtt	120
gcagtgagaa	agattgggtac	cattgcactg	cggctctggc	cacagagcga	gacttccatc	180
tcaaaaaata	aataaaatag	ggatggggtc	tcactgtgtt	gaccaggctg	gtcttgaact	240
aatgtccnca	nntagggctn	ccatatcanc	ttnnannggc	tatncattac	aggntcntgt	300
ccacatgcna	ngncnctatt	acnaactgca	tcatnntttg	caccccatat	ntatganccg	360
nattttaatt	ttncancaat	ntctnataac	attgnngatc	tnatanann	ctatnttgct	420
gctnacaaat	ctgaatcatc	ntttccanan	catnttggac	acacatcact	taattnaaca	480
atttaatgca	nctatttngc	tatnctcctn	atttgtnct	tctnccaca	ntatgttctt	540
atgaanncat	ctatttttnc	attnngaana	aaancacnta	ttgnntgnnt	atgtannngt	600
atatacntnn	tcaataaccgn	ctacttttna	nctaaacctt	tccnttgnat	anttantntn	660
atgttnncac	acttacgggt	cnntccatta	attntcctac	atgnnaantt	ttacntatnt	720
cattagtana	ctttatnnta	attaattntt	cc			752

<210> 2740

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 2740

tcaatncngg	ctctngttct	ntttgcagga	tccctcgatt	cgaattcggc	acgaggctgg	60
acttggaat	ggtggtcttg	ggagacttgc	tgctgtcttc	ttggattcca	tggcaaccct	120
gggacttgca	gcctatggat	acggcattcg	gtatgaatat	gggattttca	atcagaagat	180
ccgagatgga	tggcaggtag	aagaagcaga	tgattggctc	agatatggaa	acccttggga	240
gaagtcccg	ccagaattca	tgctgcctgt	gcatttctat	ggaaaagtag	aacacaccaa	300
caccgggacc	aagtggattg	acactcaagt	attcagagtg	ctcgtatagc	cagcgttttg	360

tatagtattt	agtacagtag	ataatacatt	gactatgtag	catatagtgg	tgatattgag	420
tatagggcat	gtcgtgtttt	gaataataga	atatattttt	gtaaataaat	ctgttaacttc	480
tcttagcgca	gcccagtcac	tttggagaca	aaggagctga	ggccaagaga	ggagtgaactt	540
ttataagggt	catttttgcac	ccagctttgt	cagaaaattg	tcagttcttt	tttttttttt	600
tttttgccag	aaaattgtca	gttctatagt	aaccagcatg	cttacctctt	tggtttttata	660
ttaagggtgtt	gatagcaaaa	ttgaatattt	gaaaatgtca	tttc		704

<210> 2741

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2741

tncnaanggn	tngnantcnc	ctctnngnag	gancccntcg	attcgaattc	ggcacgaggt	60
caagcctgta	atcccaacac	tttgggttnna	ccgaggtggg	ggtatctgat	tgagcctnng	120
aggtcgagat	cagcctggga	aacacaggga	ggcccccatc	gctacaaaat	attttaaaaa	180
ttagccaggt	gtggtggctt	gtgcttgttg	ncccggtac	ttgggaggct	gaagtgggag	240
ggtggcttga	gtncaggagt	tcactgcact	gagctgtgat	cacaccactg	cactccagcc	300
tggaacgacg	agtgaacgt	ccatctcaaa	aaaaaaaaata	aaaaactcga	gcctttanaa	360
ctatagttag	tcgtattacg	tagatccaga	cntgataang	atacattgat	gagtttggac	420
aaaccacaac	tagaatgcag	tngaaaaaaa	tgctttattt	gtgaaatttg	tgatgctntt	480
gctttatttg	tanccattat	nagctgcnat	aancaagttt	aacaacnaac	aattgcatnc	540
attttatgtt	tcangttcaa	gngggaggtt	ctgggnaagn	tttttttnatt	tnnccggccng	600
ctggcgccat	tggaattggg	ccccggtnc	ccaaactttt	ngtccccctt	ttatctggan	660
gggttttaat	ttgnctccct	ttnggcccgt	tatcatgggn	caatagcatg	ntcttnccctg	720
ngggnnghaa	attngtttat	tcnttncaa	cnn			753

<210> 2742

<211> 702

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 2742

tcaatacnag	ctntngntct	ntttgcagga	tcccatcgat	tcgaattcgg	cacgagcaag	60
aagagttttc	tgttcagttt	ggaacaagat	tttgagaaga	catttaggat	gtactagttt	120
gagtttttaa	atgtatattt	gagatatttt	ctcaactttc	tctttgggtc	tgtagctaaa	180
atatgcagta	taatgtttta	tttattttatt	ttttaagaga	tggggtctag	ctattttgcc	240
caggcagact	caaattcctg	ggctcaagtg	atcctctgcc	ttggcctcct	gagtagctgg	300
gacttacaga	catgtgccac	caaacctagt	ggctatataa	tttttaaaaa	tattcttagg	360
atatctttac	atacttttct	taaaaaaaaa	aagttaacct	ttgtagttct	gtacctttca	420
gtagtctgca	aattttctac	caaaaaaaaa	cccaagaatt	tatttgggaa	ttattaaaaa	480
ggcaaacaat	gaatgttatt	aggacaagaa	tatagcagtc	aggaggccat	gactacatca	540
cagccaggcg	gcattccctg	ccacagtggc	ggcttgaatc	atcaagaaat	ggataaatgg	600
ggcttttagta	aatcaggctt	gcaggctcaa	agctgcaatc	tgcccactct	cagggtctgag	660
actttgtggg	cctcagacac	caggaagaaa	gttgggatac	an		702

<210> 2743
 <211> 709
 <212> DNA
 <213> Homo sapiens

<400> 2743
 cagctcttgt tctttttgca ggatcccatc gattcgttga gacggagttt caccatgttg 60
 gccaggatgg tcttcaactt ctaacttcgt gatccacgct gctgggatta caggtgtgag 120
 ccaccgcgtg tggcctctgg gcaccttttg aagctgaagc agagagagaa ggcggcaggc 180
 atcagcgttt tcttctatga acttataaga tcaaagactt taagactttc actatttctt 240
 ctaccgctat ctactacgaa cttcaaagag gaaccaggag tacggaagga gcatgaaagt 300
 ggacaaggaa cgtgaccatt gaagcaccac agggaggggt tcaggcctcc ggatgactgc 360
 aggcaggcct gggtaacatc cagcctccca caagaagctg gtggagcaga gcgttccctg 420
 actcctccaa ggaaaggaga ctccctttcc cggctctgctc agtaacgggt gccttcccag 480
 aactggcgt taccgcttga ccaaggggcc ctcaagcggc ccttatgcgg gcatgacaga 540
 aggtccccc cttgccttct attcacttct cacaatgtcc cttcagcacc tgaccctata 600
 cctgcgggtt attcctaggt tatattatta atgcaacaga gtaatattaa aagctaataa 660
 ttaataatgt ttataataat gatggataat tggatcatgat catcgtctgg 709

<210> 2744
 <211> 709
 <212> DNA
 <213> Homo sapiens

<400> 2744
 cagctcttgt tctttttgca ggatcccatc gattcgttga gacggagttt caccatgttg 60
 gccaggatgg tcttcaactt ctaacttcgt gatccacgct gctgggatta caggtgtgag 120
 ccaccgcgtg tggcctctgg gcaccttttg aagctgaagc agagagagaa ggcggcaggc 180
 atcagcgttt tcttctatga acttataaga tcaaagactt taagactttc actatttctt 240
 ctaccgctat ctactacgaa cttcaaagag gaaccaggag tacggaagga gcatgaaagt 300
 ggacaaggaa cgtgaccatt gaagcaccac agggaggggt tcaggcctcc ggatgactgc 360
 aggcaggcct gggtaacatc cagcctccca caagaagctg gtggagcaga gcgttccctg 420
 actcctccaa ggaaaggaga ctccctttcc cggctctgctc agtaacgggt gccttcccag 480
 aactggcgt taccgcttga ccaaggggcc ctcaagcggc ccttatgcgg gcatgacaga 540
 aggtccccc cttgccttct attcacttct cacaatgtcc cttcagcacc tgaccctata 600
 cctgcgggtt attcctaggt tatattatta atgcaacaga gtaatattaa aagctaataa 660
 ttaataatgt ttataataat gatggataat tggatcatgat catcgtctgg 709

<210> 2745
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 2745
 tnnnnnnnttt tgnanttga tnccttggtc tegtcttttc tgcaggatcc catcgattcg 60
 cagagatgat agcacttcat tgactgccaa agaggatgtc agcataccca gatccacatt 120
 aggagacttg gacacagttg cagggtctga aaaagaactg agtaatgcc aagaggaaact 180
 tgaactcatg gctaaaaaag aaagagaaag tcagatggaa ctttctgctc tacagtccat 240
 gatagctgtg caggaagaag agctgcaggt gcaggctgct gatatggagt ctctgaccag 300
 gaacatacag attaaagaag atctcataaa ggacctgcaa atgcaactgg ttgatcctga 360
 agacatacca gctatggaac gcctgaccca ggaagtctta cttcttcggg aaaaagttgc 420

ttcagtagaa	tcccagggtc	aagaaatttc	aggaaaccga	agacaacagt	tgctgctgat	480
gctagaagga	ctagtagatg	aacggagtcg	gctcaatgag	gccttacaag	cagagagaca	540
gctctatagc	agtctggtga	agttccatgc	ccatccagag	agctctgaga	gagaccgaac	600
tctgcagggtg	gaactggaag	gggctcaagt	gttacgcagt	cggctagaag	aagttcttgg	660
aagaacttgg	agcgcttaaa	caggctggag	accctggccg	ccattggang	tnggggaact	720
ggaaagt						727

<210> 2746

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 2746

tnnnncttca	aatcgcnagg	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagggt	gctgtcactt	ggattttctag	ctttgggagc	ctgttccacc	tactcagctc	120
tgcattgagc	agtatgggca	catgccctgt	ggacagttaac	tggaactcaga		180
ggagaaaagc	agtgaaccac	ttgttctgtg	tgatttatgg	tacttcattg	ctcttccttc	240
acctctagtc	actttctatt	gctacctgcc	ctacattggc	tcttgccaag	gtccctctct	300
ctccctggtt	tccttttttt	ttttttttga	gacggaggac	ggagtcttgc	tctgtcgccc	360
agggtggagt	gcagtggcgc	gatctcggtc	caactgcaacc	tccacctccc	gggttcaagc	420
gattctcctg	cctcagcctc	ccgagtagct	gggactacag	gcgcgcgcgc	ccacgcccgc	480
ctaattttta	tatttttagt	agagacgggg	tttcaccatg	ctggccaggc	tgggtctcgaa	540
ccccgacctc	gtgatccgcc	tccttagcct	cccaatcctc	tcttaaaaaa	gtgatagctc	600
agaaatattt	gtaaaagcaa	ggtttttatt	tcattttggc	tctgcatttt	cagaggcaaa	660
gaagtttggc	ctgtaaaata	gagtgtctaga	gctcttacc	cctccc		706

<210> 2747

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (807)

<223> n = A,T,C or G

<400> 2747

ggnnnnnngg	ganttttagat	cagctcttgt	tcttttttgca	ggatcccatc	gattggaatt	60
cggcacgagg	tgtgtgtgtg	tgtgtgtgta	gaggagagaa	agagaccatt	atcatatgag	120
tgtgttgggg	ctgctgagag	ggtttcgttt	acaagtgacc	ttgagtgtat	ttcatctctg	180
gaatgcatgg	tccctgcgct	caagctacac	aatctgatta	gtgaagtatt	actaatacac	240
tagaaaaata	tacatagtaa	ttaccaaagt	actgacacaa	ttttataggg	ggttcanaga	300
aacatctgtg	aatgggtaat	aatgaaaaaa	gaaaagnttt	tctctttggt	ntagtctgac	360
ccttttaaca	gtctctattc	ataatgtgag	gaaatcgcta	caaaaactga	aatattgtan	420
atactgttca	ttngcatatg	gaaatacttg	tatgctgtgt	gttggtcttt	catgggacaa	480
actctacccc	tnctctntnc	acacacatat	anccaagcta	taagttagcc	tanccttcgc	540
cataggaagt	tgctggcttt	tttantgaga	agtcaaagaa	cctggcttgn	taaaagtctt	600
tataagaaan	naananttnc	tttnnnntta	nnntnnncnn	atgntnnntn	annnnnnntt	660
nnnnntnacn	nnnanannnn	annanttnnc	naancatatt	antgtnnanan	annnnaatat	720
nnnanantnn	tttnnancnn	ngntntntnn	nnnaannnnn	annnnntnann	nnantnttan	780
nnaattnnncn	nnntntntnn	gnnnncng				807

<210> 2748
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 2748

tnnnnnntttt	tnaaccagnn	ttcnaatect	tggcggnnagg	ctacttggtc	tttttgcagg	60
atcccatcg	ttcgaattcg	gcacgagaag	aaaggctgcc	tttgagttga	ccaaccatgt	120
tgagggtgta	gatgggtgct	aaactcactg	tagtctgagt	aattgacttc	cacaagtc	180
ccccactgtt	gagcctttca	aaatgaagtc	tcagtatatt	tacaaattaa	tggaacatcct	240
ctctggggat	tagtcatatt	ctaattcaac	aaagacattg	tttgaagttt	gtttttgttt	300
gctaaatgaa	ctaaaaatta	tgagatttgc	acctaaaggt	actgaggtaa	aggagagcca	360
aaagtggggg	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagt	480
gatcaatgat	gaaactagcc	aaatctgagc	atcagaaggc	tttccggtct	acctgatgca	540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctggtgtgt	gtgtgggggg	tgtgtgtgtg	nnnnncnnnn	nnnnnnnnnn	nnngnnncnn	660
nnnnngnnnn	nnnnnnntnn	nnnnnngnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnc	716

<210> 2749
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 2749

tnnncttttt	aaacctgcnt	tcnaattncn	agacnctngg	ctctngntct	ntntgcagga	60
tcccatcgat	tcgaattcgg	cacgagnaag	aaaggctgcc	tttgagttga	ccaaccatgt	120
tgagggtgta	gatgggtgct	aaactcactg	tagtctgagt	aattgacttc	cacaagtc	180
ccccactgtt	gagcctttca	aaatgaagtc	tcagtatatt	tacaaattaa	tggaacatcct	240
ctctggggat	tagtcatatt	ctaattcaac	aaagacattg	tttgaagttt	gtttttgttt	300
gctaaatgaa	ctaaaaatta	tgagatttgc	acctaaaggt	actgaggtaa	aggagagcca	360
aaagtggggg	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagt	480
gatcaatgat	gaaactagcc	aaatctgagc	atcanaaggc	tttccggtct	acctgatgca	540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctggtgtgt	gtgtgggggg	tgtgtgtgtg	tnntnntnann	cncgtnnntn	nnancnnann	660
nttncnannt	ntgattncnn	ttntctctnn	nnntttnnnn	tnnttcttna	atnnncac	718

<210> 2750
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)

<223> n = A,T,C or G

<400> 2750

tnnncttttt	aaacctgcnt	tenaattncn	agacnctngg	ctctngntct	ntntgcagga	60
tcccatcgat	tcgaattcgg	cacgagnaag	aaaggctgcc	tttgagttga	ccaacccatgt	120
tgagggtgta	gatgggtgct	aaactcactg	tagtctgagt	aattgacttc	cacaagtcac	180
ccccactgtt	gagcctttca	aaatgaagtc	tcagtatatt	tacaaattaa	tggaacatcct	240
ctctggggat	tagtcatatt	ctaattcaac	aaagacattg	tttgaagttt	gtttttgttt	300
gctaaatgaa	ctaaaaatta	tgagatttgc	acctaaaggc	actgaggtaa	aggagagcca	360
aaagtggggg	agtcaatcta	cttattcaga	atgagtcgat	aatttaaaca	tgtctaatag	420
cagagacagt	atattataga	aatggcatta	cattctctga	gatctgcttt	tactgaagtg	480
gatcaatgat	gaaactagcc	aaatctgagc	atcanaaggc	tttccggtct	acctgatgca	540
tgatctctac	agttctgaga	agcagaacta	taaaacaatg	taaaacaata	agggcatatg	600
tctggtgtgt	gtgtgggggg	tgtgtgtgtg	tntnntnann	cncgtnnntn	nnancnnann	660
nttncnannt	ntgattncnn	ttnttctnan	nnnnttnnnn	tnnttcttna	atnnncac	718

<210> 2751

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 2751

tgnnnnntttt	ntaanccggn	nntttcaaat	cgcttgcccc	taggctactt	gttctttttg	60
caggatccca	tcgattcgaa	ttcggcacga	gagnaataac	taccagacaa	catttggttaa	120
aactcaggac	agtatgtatt	ttaaaggagc	aagtgcattg	gtgaaaatgg	ctcattcagt	180
ttataaaata	ttacattaaa	tttgagggtt	ctgttttttt	tcttttgtga	cagtcttgct	240
ctgttcccca	tgctgtagtg	cagtggcacc	agttcacctc	actgtaactt	ccacatcctg	300
gtttcaagca	atttgtgcct	cagcctccca	agtagctggg	attacagtca	tgccaccatg	360
tccagataat	ttttatattt	ttttgtagag	atggtgtttt	accatgtttg	ccaggctgat	420
ctcaagctcc	tggcctcaag	tgatttgcca	ccttggcctc	acacgttgct	gagattacag	480
gcatgagcca	ccacacctgg	ccaatggggc	gtttcttaaa	atagctacta	gactatgacg	540
tttatcctaa	ggtttgaagt	ctatcatctt	ccttacatat	ccttcattgt	ggatatctggg	600
aatgaatcaa	caagatgaga	gagccttctt	cattcagtg	ggctccttca	tttccatgct	660
tcttgaagat	taaggncact	gaatttaaaa	ttcaatattc	tgtgagttac	acaccatgga	720
gtaacn						726

<210> 2752

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2752

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cgaattcggc	acgaggtcac	tctgtcaccc	aggctggagt	gcagtgggtg	gatcatagct	120
cactgcagcc	tctacctcct	gacacaagct	gtcatcccg	tttggcttct	caaagtgcta	180
ggattatagg	cgtgagccac	catgcccgc	cagtttctgc	ttttattaaa	attgttcaca	240

gttttataca	ttcatgttca	ttaaaaaatgc	tatttagaaa	agagtttgat	aaaataaata	300
ttatacaaaa	ttcgaagaaa	aaagaaaaga	gtttctgttt	cagtcacaaa	ttagggttat	360
tgtgatgtgt	atztatgatg	accattgaac	aaatgtgaag	aatactgtga	attctatgac	420
tttatcaaaa	tcagccacat	ccaggagctt	gcagttgttg	accaaataaa	tgatgacata	480
gagtagttca	gatctatcat	gtgctcttct	atctaatacag	tcaatatttc	cttgcccttc	540
aagccaacat	tcatttttta	tgtataacct	tcttcatgat	tttgaaattt	tgatagggtg	600
actgctaattg	agttcacaaa	tgtagcactt	taaaaggaaa	ataaatggag	agtgaataca	660
acttggctac	gtataattgt	gggtttttaa	ttttctggtt	ttaaaanaaa		710

<210> 2753

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2753

tnnncttcaa	atcgntngct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagagatta	tgagcatgta	gaagatgaaa	cttttcctcc	tttcccacct	ccagcctctc	120
cagagagaca	agatggtgaa	ggaactgagc	ctgatgaaga	gtcaggaaat	ggagcacctg	180
ttcctgtacc	tccaaagaga	acagttaaaa	gaaatatacc	caagctggat	gctcagagat	240
taatttcaga	gagaggactt	ccagccttaa	ggcatgtatt	tgataaggca	aaattcaaag	300
gtaaaggcta	tgaggctgaa	gacttgaaga	tgctaatacag	acacatggag	cactgggcac	360
ataggctatt	ccctaaactg	cagtttgagg	attttattga	cagagttgaa	tacctgggaa	420
gtaaaaagga	agttcacagc	tgttttaaac	gaattcgact	tgatctccct	attttacctg	480
aagattttgt	tagcaataat	gatgaagttg	cggagaataa	tgaacatgat	gtcacttcta	540
ctgaattaga	tcccttttctg	acaaacttat	ctgaaagtga	gatgtttgct	tctgagttaa	600
gtagaagcct	aacagaagag	caacaacaaa	gaaattgaga	gaaataaaca	ctggccttgg	660
aaagaaggca	ggcaaagctg	ctgagtaata	gtcagaccct	aggaaatgat		710

<210> 2754

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 2754

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atcgattcga	attcggcacg	agcttacttt	gatcctcgtg	aggcataccc	agatggaagt	120
agcaaagaaa	agagaagagc	agcaattgcc	caggccttag	ctggcgaagt	cagtgtggtg	180
cctccatctc	gtctcatggc	attgctggga	caggcactga	agtggcagca	gcatcaggga	240
ttgcttcttc	ctggatatgac	catagatttg	tttcgaggca	aggcagctgt	caaagatgtg	300
gaagaagaaa	agtttctctac	acaactgagc	aggcatatta	agtttggtca	gaaatcacat	360
gtggagtgtg	ctcgattttc	tccagatggg	cagtatttgg	tactgggtc	tggtgatgga	420
ttcattgaag	tatggaactt	tactactgga	aaaatcagaa	aggatcttaa	gtaccaggcc	480
caagataact	ttatgatgat	ggatgatgct	gtcctctgca	tgtgtttcag	canagataca	540
gaaatgttag	caactggggc	ccaagatgga	aaaatcaagg	tgtggaagat	tcagagtgga	600
caatgtttta	ngagatttga	ganggcacac	agtaagggtg	tcacctgtct	aaacttttct	660
aaggatagca	gtcagatcct	taatgcttct	tttgaccaga	caattagaat	tcattgggtta	720

aaatctg

727

<210> 2755

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2755

cttcaaactcg	ctnggctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agggcagacc	atccacatca	gtttcagaga	aaaacaataa	tcttgtttgt	gccgtgatga	120
agaggactga	cagctaacag	cagaaacaat	agtcaggagg	ttgagaacag	gctgggtaac	180
atgggtgaaat	gccatctcta	ttaaaaatac	aaaaattagc	taggtatggg	cgcagacacc	240
tgtaatccca	gctccttggg	aggctgaggt	gggagaatcg	cttgaaccca	ggaggtggaa	300
gttgcaagtga	accgatagtg	ccattgcact	ccagcctggg	caacaagagt	gaaactttct	360
ctcaaaaaaa	aaaaaaaaaag	atgtcaagcc	ccttctcttc	ctttctccac	catcatgggtg	420
tgtacttgac	tctgcttctc	accagatctt	ctcataagac	tatcaggatt	aagcaattcc	480
tggccaagaa	aaaaagcaaa	attgttccat	tccccagtgg	attcagatga	aaactggtaa	540
taaaatcagg	tacaacttta	aaaggagaca	ttggagaaga	accaatccgt	gtctataagg	600
aattgtcatg	agatggcaca	catttttatg	ctgtctgagc	attcaatcac	gttaccatat	660
caagcagaaa	atgtcaccat	tatctggaga	gttggacatg	ttttattg		708

<210> 2756

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 2756

ttnnnnnttt	aancnttcaa	atcnctaggc	tacttgttct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagccca	cactcggaca	ctgtggaatt	ctaccagcgc	ctgtcgaccg	120
agacactctt	cttcatcttc	tactatctgg	agggcactaa	ggcacagtat	ctggcagcca	180
aggccctaaa	gaagcagtca	tggcgattcc	acaccaagta	catgatgtgg	ttccagaggc	240
acgaggagcc	caagaccatc	actgacgagt	ttgagcaggg	cacctacatc	tactttgact	300
acgagaagtg	gggccagcgg	aagaaggaag	gcttcacctt	tgagtaccgc	tacctggagg	360
accgggacct	ccagtgcacac	cggccccctnc	ctctaccac	cccctcccc	cgcattgctga	420
tccccctgcc	caggtaaggg	ccctgccctg	gaagactgga	gggaggcccc	aagccacggg	480
gcatccccct	ctcccaggaa	gcagggaggg	ggccgggagg	ttttcctctc	aagccccacc	540
ctggggggccc	gggggagagg	gctgccccct	cctccccctcc	ccagtgaggg	acattttttg	600
gtaaaaccta	ttttcatttt	ggaaaatatt	tatgaataaa	tagttttata	tgaaaaaaat	660
tntngnnntt	nnnatnnnan	aataaaancn	tcgnncctct	taaaactata	gtgaagtcgt	720
attaccttag						730

<210> 2757

<211> 710

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2757
 tntatntaca gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgagac 60
 caagagaacg cggtcagaag gaggtggaac tggggagtcc tctcagggag ggacaagcaa 120
 aagactcaaa gtagatggac agaaaaactg ctgtgaggag gggaaagagg agcagcaggg 180
 atgtgcaggg gacggtgggg aagacagggg agaagagatg gttatagagg ttggagagat 240
 ggtgcaggac tgggccatgc agagccctgg gcagccaggg gacctgcccc tgaccactgg 300
 aaagcatgga gcccttggag aagaggggca gccagccac gcagccctgg cagagcgggg 360
 gcccaaggga catgaggcag cccaagaatg gtctcagggg gaggcagggg agggggcatc 420
 cctgccctcc tcagcgagct ggcgctgtgc cttgtggcac cgagtgtggc aagggcggcg 480
 gcgagcccgt agacgcttgc agcagcaaac caaggaggga gctggagggt gcgctggcac 540
 aagagcangg tggctggcga ctgaagctca ggtcacccan gagctgaaag gactgaatgg 600
 tggccaaaga aaggcccaga aactgagccc ctgctgaact tttgtggccg tcttgtcttc 660
 ccggctgacc cgaatgctta ctgtgacccc gcttcangat cccaaggnc 710

<210> 2758
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 2758
 tnnnnnttca aatngnnagc tcttgttctt tttgcaggat cccatcgatt cgaattcggc 60
 acgagccaga gctggcagaa gaaaacagta aagcttagag tagaaataaa tgaaataaag 120
 aacagaaaaa tatagaaaat caaaaatacc aaaagttggc tctttgaaaa gatcaacaaa 180
 attgccaaac cttttaagta gacaagaaag aatgaattgt tgggtggtgca gtggtgagca 240
 tagctgcttt tcaagaacaa aaaagactca aatgactaaa atcaagaatg atcaagaatg 300
 agagagtaga cattactaca gatcttacag aaatgaaagg attattaatg agtactgtga 360
 acagttgcat gccaacaaat agtctaagtg aactagacaa atatctagaa agacacaaaa 420
 caaccaaaac cgaatcaaga aaaaaatata aaatctgaat acacgtataa caagtaaaga 480
 gattaaattg gtaccacaaa gaaaaactgt caccaaggta aagtccagac ccagatggct 540
 ttttggtgga attccacaa atgtttaagg gagaattaac accaaatcta aaactaaacc 600
 agacagagac attgcaagaa aaccacagac caatatccct tatgaatata gatataaaat 660
 cctcaacaaa gtactagcaa atcaagtcca tgaacatata caattctatt ttactt 716

<210> 2759
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 2759
 gttnnncttc aaatcgcttg gctactcgnt ctntntgcag gatcccatcg attcgaattc 60
 ggcacgaggg gtgcagtggc tcactcctat aatcccagca ttttgggaagt cctatgcagg 120

aggattgcc	gaggccagga	at ttgagatc	agcctgggca	acatagtga	actctcatct	180
ttataaaaag	taatatataa	at ttttaaaa	gtgtataaac	tgtaaagtat	at ttttactgg	240
tg ttttcttc	cttattccta	cttg ttcagat	gcaaatacac	at tttttgtgt	gtttgtgttt	300
agtaattata	agtatacata	tttcttctat	ttcatatatt	tctatgacat	tatatcttag	360
atgtgtaatt	tatgaactac	tactggatta	ttttaaatcca	ttagaaatta	ctattcacgc	420
attctgtatt	caattcatgt	gatagcta	atatttggtt	ttaa atgcat	cttattttgt	480
gg ttttcttc	taggctgttt	tttgtgcttt	cttttaaaaa	tata taggtt	ttataaatct	540
taattttctt	ttagtttgaa	atgtatatac	tcattttatt	cattagtcta	agataaagaa	600
ttgtaacact	tctctaacct	attatanaat	tgntaatacc	tttacccttc	tcttgaacac	660
atcaaaagga	tgtcattgag	tg ttggtatt	ggagtatagc	atatctatta	ttcng	715

<210> 2760

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 2760

ctttaaatct	caagctcttg	ttctttttgc	aggatcccat	cgattcggga	gagaaacctt	60
atggatgcat	tgactgtggc	aaggccttca	gccagaagtc	ttgccttgta	gcacatcaga	120
gatatcatal	aggaaagact	ccctttgtat	gtcctgaatg	tgggcaacct	tg ttcacaga	180
agtcaggact	cattagacat	cagaaaattc	actcaggaga	gaaaccctat	aaatgcagtg	240
actgtgggaa	agcctttcctt	acaaagacaa	tgctcattgt	acatcacaga	actcacacgg	300
gagagagacc	ctatggctgt	gatgagtgtg	agaaagctta	cttctatatg	tcttgcttg	360
ttaaacataa	gagaatacac	tcaagggaga	aacgggggga	ttcagtgaag	gtggaaaatc	420
cttccacagc	aagtcacagc	ttaagtecta	gtgaacatgt	gcaggggaaa	agccctgtta	480
atatggtaac	tgtggcaatg	gtggcagggc	agtgtgagtt	tgccacatc	ctgcattcat	540
gataaacagt	ttgctgtttg	atcatatagc	ctncagcgga	atgctgagtt	tg tcatgtcc	600
catgggcctt	tggctccctg	cactaatatg	tatagtaggg	tttacaagat	atgaaatata	660
ttttactttt	ttatatctta	taaacctcac	tacccttcc	acaata		706

<210> 2761

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 2761

tnnnntttt	ntaatcnngn	nttnnctttg	caaatecgana	ngctacttgt	tcttttttgca	60
ggatcccatc	gattcgaaat	cggcacgaga	tggtgttttc	acctggaagc	tgagaagaaa	120
ggggctttta	tggaacaaat	agcacatcaa	gctgttgtaa	tg cagtttat	tatggaaatg	180
gccaaaaact	gtaatgtgga	tccaagaggg	tg ttttcgtt	tattttttcca	gaaagccaaa	240
gcagaggaag	aaggttatatt	tgaagcattc	aaaaatgaac	ttgaagcttt	caagtcaaga	300
gtaagacttt	attctcaatc	acaaagtttt	caacctatga	cagttcagaa	tcatgttccc	360
cattctgggtg	ttggatctat	aggttttatta	gaatccttac	cacagaatcc	agattatctt	420
cagtattcta	tcagtacagc	tctctgcagc	ttaaaactcg	tggtacataa	agaagatgat	480
gaacccaaaa	tgatggacac	tgtataat	gg ttaagact	gctgaggcca	agtgtctattt	540
tg ttacaaga	aaggaagaac	ttggctat	tcttgacact	tttatgggtg	ctgcacttta	600

tttttgtttg	gtttttgatg	ggagggaaaag	agtactgaaa	tgttttgtaa	atTTTTTTTta	660
atgtgctgct	aggTTTTTTtg	ttttgtttgg	tctgaagaga	agagtgggtcc	atatgttgca	720
ggaagt						726

<210> 2762

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2762

cntncttttg	aanttgnaaa	tngetnggct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggtcac	tctgtcaccc	aggctggagt	gcagtgggtg	gatcatagct	120
cactgcagcc	tctacctcct	gacacaagct	gtcatcccgc	tttggcttct	caaagtgcta	180
ggattatagg	cgtgagccac	catgcccgac	cagtttctgc	ttttattaaa	attgttcaca	240
gttttataca	ttcatgttca	ttaaaaatgc	tatttagaaa	agagtttgat	aaaataaata	300
ttatacaaaa	ttcgaagaaa	aaagaaaaga	gtttctgttt	cagtcacaaa	ttagggttat	360
tgtgatgtgt	atztatgatg	accattgaac	aatgtggaag	aatactgtga	attctatgac	420
tttatcaaaa	tcagccacat	ccaggagctt	gcagttgttg	accaaataaa	tgatgacata	480
gagtagttca	gatctatcat	gtgctcttct	atctaatacag	tcaatatttc	cttggccctc	540
aagccaacat	tcattttttta	tgtataacct	tcttcatgat	tttgaaattt	tgatagggtta	600
actgctaattg	agttcacaaa	tgtagcactt	taaaaggaaa	ataaatggag	agtgaaaaca	660
acttggctac	gtataattgt	ggggttttta	ttttctgggt	ttaaaanaaa		710

<210> 2763

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2763

gnaaatnngc	tcnnntgeng	ctncttgntc	tttttgcagg	atcccatcga	ttcgttttga	60
cattgttaca	agtaagcagc	tttattgggt	cttttactta	cgtcttttaa	tatatggagc	120
aacagtacgg	tcagtctgca	tctcatgcta	actttttgtt	gggaatcata	accattccta	180
cggttgcaac	tggaatgttt	ttaggaggat	ttatcattaa	aaaattcaaa	ttgtctttag	240
ttggaattgc	caaattttca	tttcttactt	cgatgatatc	cttcttggtt	caacttctat	300
atttccctct	aatctgcgaa	agcaaatcag	ttgccggcct	aaccttgacc	tatgatggaa	360
ataattcagt	ggcatctcat	gtagatgtac	cactttctta	ttgcaactca	nagtgcgaatt	420
gtgatgaaag	tcagtgggaa	ccagtctgtg	ggaacaatgg	aataacttac	ctgtcacctt	480
gtctagcagg	atgcaaatcc	tcaagtggta	ttaaaaagca	tacagtgtct	tataactgaa	540
gttggtgngna	agtnactggg	nctncaganc	ngaaaattac	tcancgcact	tgggggtgaat	600
gcccaagaga	taatacttgt	ccaanggaaa	tttttcatct	atgttggcag	ttcaggncctt	660
aaaactcttn	ggctctctgg	acaaggagggn	nccacattaa	tttggtnact	gtgaanatgg	720
ttcnnctcga	attggnnaagg					740

<210> 2764

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 2764

anngttnatg	aagcnccttg	naannnccnn	cnangagncc	tcgatncgca	atgaactact	60
ctgcagcctc	atTTTTTaaa	aaatgagata	ggtnagtgtg	gatataaata	actgtccaac	120
atatatagct	gagtaacana	aatagcnaac	tagaaaacna	tgtattatnc	catntgtgct	180
gaaatatgna	tgntgggtatg	tgnaaatatg	tatggntgta	tagacagatc	tttncataaa	240
TTTTTtcatt	nntaatnnnn	gtgggtacat	actangtata	tatntttgng	gggtcctgag	300
gtattttgat	acaggcatgc	aatgtgaaat	aatcacatnn	ncntnnntgg	ggatccatc	360
ccncaagca	nttgatctnn	tgtgtgcaaa	cattccaann	gnatnccttt	agttntccat	420
aaatgngcaa	tnaanntngn	ctatngtcnc	tntggagann	nacnngnant	natctcaatc	480
nncccatntg	tnacttganc	cattgaccat	tcccaccaat	cctgaatgcc	tcantaccct	540
tctcaccnat	ggnnctcttg	cttatangct	ntntgtcnat	gagttcaatc	gtagtgantt	600
taganncngg	acttccatgc	gaacatgntn	aaggccggcc	tntntggcct	ggnccttactt	660
aaatnaacca	taatattgcc	natgacagga	acggatactn	tgctaacggc	cnnatagttc	720
cncatttggg	accc					734

<210> 2765

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 2765

ggnnnnntnt	nnanatacag	ctacttgttc	TTTTTgcagg	atcccatcga	ttcgaattcg	60
gcacgagtag	ggctcttagta	ctggtttggg	cataattata	ctcagtgttt	gggcctctgc	120
taaaattcta	agacgataag	aatatcagtt	taagttctgt	tacagtgtgt	ttcatgaagc	180
ttgtaagatt	gatattttaag	tggacaaagt	gggaagtagt	cagttttcag	ggctccaggg	240
gtcatcactt	tgtgctcaga	gtacagctgt	caactagtga	tttgggtgcat	ttagacaagg	300
aacaggagca	aagggcctat	ttcaagaggg	tcatagacac	tgcttctgtga	taagtgaatg	360
gctagagggg	ttcttggttaa	actgaagtcc	TTTTTcacatt	tttagctttt	tctgtggcaa	420
cctgtctttt	acagaagcta	ctcatgaact	ctggcttttc	attttcaggg	ttgggctgga	480
cattctttga	tttntngntt	tgnttngntt	tctgagacag	agtctctctc	catcaccag	540
ctggagtga	ctggcgtgat	ctcgctcact	gcaatctctg	tctctcgggt	cnggtgatct	600
cctgcctcag	nctnccgagt	agntgggact	gcagtttcat	gctacacgcc	caggtaaatt	660
tttgngattt	tgatagaana	cagggttttg	ncatgttggc	cgggctgnct	cnaactcctg	720
acctnaat						728

<210> 2766

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 2766

cangctactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	gcatttcttg	60
tctttattaa	tttgacttct	ctagggacct	catttaaagt	aatcataca	gaatttgaac	120
ttttgtatct	ggataaaaaa	tatatacagc	attttgctga	ctgtaaaatg	tatttttttg	180
ggccgggtac	ggtggctcat	gcctgtaatc	ccagcacttt	ggtaggctga	ggcaggtgga	240
tcacctgagg	tcgggagttt	gagaccagcc	tgaccaacat	ggagaaaacc	cgtctctact	300
aaaaataaaa	aattagccag	gcgtgggtggc	acatgcctgt	aatcccagat	actcaggagg	360
ctgaggcagg	agaatcgctt	gaacctggga	ggcggagggt	gcggtgagcc	gagatcgccg	420
cattgcactc	caagccttca	attcctatct	gtgagtaggt	cctcaaggct	tcctctgctc	480
ccagtccgac	aacccatcgg	ctgggacagt	actgattctc	cagctnctct	gcagacatct	540
tcttncaagg	aaccttgctt	gggaaaccca	caccaggcct	ntagaactat	agtgagtcgt	600
attacgtaga	tccagacatg	ataagatata	ttgatgagtt	tggacaaacc	acactagaat	660
gcagtgaaaa	aaancttatt	gngaaattgn	gaagctatgc	tttatttgaa	cc	712

<210> 2767

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2767

ggnnntttgcn	aatnctaggc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagcagc	tactcgggag	gctgagggca	caagaattgc	ttgaacccgg	gaggcagagg	120
ttgcagttag	cagagattgt	gccaccgcac	tccagcctga	atgacagagc	gagactccac	180
ctaaaaaaag	taaaagaaaa	aaaagaggaa	gaattagcac	atctctatta	cagaattgga	240
cttgaacatg	caaaatcatg	tctggatttc	tcagtgaaaa	gctgttttac	gttagtgagg	300
tcttctaaca	ttttgaaatg	gtgatctgga	tttgggatct	ggctatcact	gaccacacct	360
gggtctgtga	atgaccaact	cacctaggng	ggagtcagtt	acccctgccn	tacantggcc	420
catggancac	ctgcggnaag	aangnnnttn	tgcttactga	ttcttnccatc	tatggtgtcc	480
aattgggaag	gatcctgngc	cattgactga	netctntgag	ggttgttatn	aagcttgtgg	540
atccattctc	atgactactg	ggaaatttct	gtgaatttga	ccctgcccct	gaactccaag	600
gcagcttttc	ccctnnaaag	gtnaaatcca	ancctatta	taactggggg	ganttgtnng	660
acaaaatttt	ngggctantt	taccgaccaa	anttttncct	gncctanaaa	tgctcgnacc	720
cnncccgna	ntttggnngc	ttcacccctc	c			751

<210> 2768

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 2768

gtaanntttc	naatgcttgg	ctactcganc	tctntgcagg	catcccatcg	attcgtncnt	60
cntgtntang	tcgnencagn	ccttantngg	gatacttaaa	tnactatatt	tnccnngta	120
ctctcnagga	tttgatattg	acttnncaga	tnnanatngg	nnaactnatn	ngagnataat	180
ccntgaacag	nntttgttcn	ncncatnctt	ggagaggncn	tgntatatnc	agntcatgca	240
acactatcna	ntnagggtat	nncccgncat	ccatagtga	tnatngntaa	nccactngag	300
ggntncntan	nnaatntctgt	nnagcncaga	ccnncatnan	nangannaag	agcactngnc	360

atatngnagn	gnnagttact	ncanctent	gangtggaat	acnnatgaca	tcaatcgagn	420
tnaccatnac	gcanntgtac	tgaganttgn	gancctcttt	ntaccaggca	tatgtcaatg	480
gtcnaanaga	gnccatnnna	cntnnacnt	tntggctnna	tgtnngntcn	nccnttgnan	540
gctntcctnt	gcatgantgg	ganntcaaan	nttcnggacn	ncaatttang	ggnccttaann	600
tnaaaggnc	cannctnggg	ctctcnataa	taaccantan	nggnaaaatc	tgnaaccctt	660
gctctaccta	nncctaggg	gancctggga	tttgtnnnnn	naaaantccc	aacccttnan	720
tacttgagan	gntnccncgn	nttttnnaagn	nactttgngg	atagcnnccn	aatgtttnnn	780
cnnttcangn	aatccnntgn					800

<210> 2769

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 2769

gctcttggtc	tttttgccagg	atccctcgat	tcgaattcgg	cacgaggatc	agtgaaaaaac	60
attagtatac	gttttttaaat	aggctaattt	ttcaacttgg	atcattaggc	ttacgtacta	120
cttggttcaa	atgtgtcaaa	tacaaaaatg	gtaactaggt	tgacagatac	tttgtatttt	180
tcttttgaat	tcagacctgg	aatgtaagta	agtgacaatg	cttatggaaa	gccagttagt	240
tagaattgga	aatctgtctt	gtcattttac	aagcattaga	ttccttttct	gtgtgaagaa	300
agcctcagtg	aaacaggtct	ttgccataac	tttatgaagt	gctacagaaa	gcacaaagaa	360
ttgattcatg	ttcatcaata	cctgctgaga	gtactgtccc	aggaatatcc	agtggatgga	420
ttcatcatcc	aggaggttca	aaagtaagat	ggttttcaaa	tcatttttga	gactgggtgca	480
taacagcagg	gtacctgaaa	agagccttct	gggagttagt	gaactaggta	natgggtttg	540
ntcacatacg	ccccatcaac	ttaaaagtga	atggcctttg	tataaatgan	gtcactatgg	600
acttacccta	aagatcttct	gtacttctgg	cttccatagg	acaaatgata	agtnctactt	660
nctcatctct	tngggttatt	aattggaann	cttgcatcca	tgggtattga	aattnaaa	718

<210> 2770

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 2770

gcaatagttg	cnaatagcna	ggctacttgt	tcttttttgca	ggatcccatc	gattcgaatt	60
cggcacgagc	tttttctcac	tgaaatattt	aagcactgca	ttttaagaaa	acttcctatt	120
cattcgtaga	cttttatctg	gccagatttc	cactctgagg	gcttttcttt	ctagttatct	180
gacaaaccat	aaattttatt	tcctttaagg	gcaaaaacaa	cctccaagca	catttatggc	240
ccatgtttta	agagctggcc	gncctttcta	tcctgtatct	ctgggttaaac	gtgttttctt	300
tntcttggag	caaatttttc	aaagaggggc	taaagctatg	tgttcctctg	gagagaactn	360
ctgcctaccc	agcangaaa	aaaatgccag	agaagcctcc	gacctggggt	ctgccccctg	420
tagccaggtc	tcaggctana	agccttcttt	ttgggttgc	tgaggtcctt	ctctacctca	480
cctttattgc	acttccttct	tggttcnnat	gtatnctcct	ctgnctnctt	taaagantgg	540
caactttttg	gacttttgac	aattcctgtg	tagcaatctg	ggctgatttt	agagaggcct	600
tctgttctct	cttccaatga	gctgattggg	tgatcagctg	attttattac	ctttccctgg	660
aggaagtana	gtcccaggat	gntgggggaag	gccccntggg	gacccctgaa	gccctttatg	720

ttgacccctt

730

<210> 2771

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 2771

gnnttnanan	agctngnnnn	nnnctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	cagactcgca	ttatggacaa	gtcccttctc	cccacacaaa	ggaagacata	120
caccgcatag	tccatttcat	ttcagctcct	gatggcatct	gaccgccgtg	gacacttccc	180
agnggtntgg	cttttgagg	gagagtana	cgnggatga	tctgtgccag	ttggncactc	240
cttgatatt	ggngttatnt	ccactggctc	tgntgctcct	ctgtgttgat	tttcattaac	300
tcatttcacc	tnaatgaatt	ctggagcctg	gctganatng	tgcntactct	ntgncagagg	360
atcatcatga	acaacccctt	atgtagcaag	nttcccaggt	tttttcagaa	gtggtgaatc	420
catgccttgg	cattcntgga	ttattccatg	tcatgtcaga	tcattcatna	aatnnatatt	480
gacacatgtc	atgtgatgcn	ttctatgctg	acaccatcag	gaattcaaaa	nggtgaccac	540
acgttgntnt	gntcctgagg	acttccaggg	ttanaaaaaa	anataaaaaa	aacttgaggg	600
ctntaaaact	atatgagtc	natttacgtn	gnanngaca	tgaatncnga	atncattgaa	660
tgaantttgg	ccaancccn	aactatgaat	tgccgttgac	aaaaaggcct	ttttttgnga	720
aantttgngc	tgcttttgnn	tttaatttgn	naacc			755

<210> 2772

<211> 632

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (632)

<223> n = A,T,C or G

<400> 2772

gttgagctgc	tcttgntctt	nenctggtn	natctgcagg	atcccatcga	ttcgaattcg	60
gcacgagccc	ttctgagnnt	gtccattcat	nggtgggtct	gcccctactc	cccnagecct	120
naatacccca	tctgctgttc	ctaccnaten	nncanccacc	ggannntnca	ttcagcnntt	180
tgtctgacce	ctgnagcccn	gagggngnga	gcagtgcnn	acanctcctt	tnncaattgc	240
tggnacagacn	gctatntgtn	nctnanattn	aanactttct	gtctanttcg	anctgacntt	300
cannactaac	gctncaaten	gngattcntt	ctttaatccn	tnaggtatct	ntnattnctg	360
ngctnangan	gngccttnaa	nngctgagct	tacntgccng	ngantgngn	tattgngann	420
anggatnctg	acattgnctt	gntcacagtc	nntntnagcg	tgactgnga	tganaanctt	480
gacctgacc	attanttgen	naccgattna	ttgcctgatg	tacanatctt	gntgnnanga	540
ccactgatct	agatgntctn	atctanatna	tcnactgntg	acattgteta	aancatcacn	600
natcaaagtt	ttagatgcag	tgnttgagaa	tc			632

<210> 2773

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (744)
 <223> n = A,T,C or G

<400> 2773

gtctatgctg	gntannnata	caggctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggaccaagga	gatgtgagt	aaaatgatgc	aggctgcttc	caggtgtgac	120
cagtaagata	cttcccacat	aatcttcccta	ctctttcttc	cctgtttggc	atcccatgtg	180
ctaagaatgg	gaaccctgag	gtcctatatg	tggaaccata	aggtaaatgt	ctttgggctc	240
tgaatctcac	acagggctca	ctgagaataa	gaaacatcct	tcttgggctt	tgtatgaata	300
agaaaatact	agcaaatttt	taagaaggaa	gtaattccag	tatttcacaa	acccttccaa	360
agaatagtaa	aaacaaagag	ctttctcttc	ctcgttatct	aaaattagcc	taactttgat	420
agcaaaaacca	gctaggagag	ttgcaaagat	aataatcaga	agccagtctc	actgaacata	480
aatgtgaaag	tcttcagcaa	aatattagtc	tacttcgtgt	tcacatcttt	cttatgggag	540
actnttttgt	ntgggttggt	ttganatgga	gtttcgctcn	tggttgccca	ggctggagt	600
caatggccgt	gactttggct	naaccgcacc	tacgcctggg	agacattttt	attttcagaa	660
tggacccatt	ttctctactg	gtntgggcnc	aaaactagac	tctggattaa	ncctccctg	720
ngggttanga	agtgggcat	ntna				744

<210> 2774
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (760)
 <223> n = A,T,C or G

<400> 2774

gtctatnctt	tgaanctctt	tgctacttgc	nngntctgtn	tgcaggatcc	catcgattcg	60
aattcggcac	gaggatctct	ttngagggtga	tggtgctntc	cgagctgttt	ctggagatgc	120
tccagagggga	ttttggctat	agagtttata	agatgctact	gagccttcct	gaaaagggtcg	180
tgtccccacc	tgaacctgag	aaggaggang	cngccaagga	agaagccacc	aaggagggaag	240
aagccatcaa	agaggacgtg	gtcaangagc	ccaaggatga	ggcacacaa	gagggcccg	300
ctacagagtc	agaggccccg	ctgaaggang	atgggcttnt	gcccnaacca	ctctcttctg	360
ggggagagga	agaatnnaaa	accccggggc	gaggcttctt	gaggacctgt	gtgagatngc	420
cctggaccca	gaactggtgc	ttnngangga	tgatggatag	gaggaagttt	gnaggagcaa	480
agctggatga	tnctgangtn	cggtncngnn	cctaaaccag	tcacagatgg	agttctntnc	540
acttcaagac	atgcccaagg	acntggatcc	ctnntgctnt	gcttccctta	nactgnctgg	600
ttccttttag	nggttctttt	gatnccaact	gatgtngctt	ncttgcaccg	gccangactt	660
ngnganggaa	ccttcttacc	cttgggatcc	cggnttaaat	ggnanaccan	ggccaancca	720
aatggtttac	cnagggnngg	ngaaccnna	aaaaattttn			760

<210> 2775
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (737)
 <223> n = A,T,C or G

<400> 2775

gggnnnnnnn	nananataca	gntgttcttt	ttgcaggatc	cctcgattcg	ctggaattag	60
------------	------------	------------	------------	------------	------------	----

attgtgtagg	gcccgcacatt	ggattttat	taagtacaat	aggaagccac	tggaatgtga	120
taaccagagg	cttgatgtaa	tctagtctaa	tctattaaag	gattgctgtc	tagtttgtga	180
taaattggagc	cttgaccttg	gtgtcaagaa	attgtccttg	ataccagcaa	ggccaatttg	240
gaggttattg	ccattctgag	atgagaagca	gtaatgactt	ggtgtttatt	tgagatagaa	300
agcaagttaa	atagaaacat	tttctggtag	tagaggcaag	aaaacttgg	gttaatatta	360
tcaaagcaga	taataagaaa	ttgttactgg	gttgtagtaa	ttatctcact	gatattttaa	420
cccttgggtt	tattggactg	ggtggccgat	gtttgggtaa	gaaggaaatg	agaagtgttt	480
ttaatatggg	agatacctta	gcatatttat	aaacaaaaac	tgataaaca	ggacaaaact	540
tccacttatg	gtcacgggtga	agtaactgat	actggcccg	gttttctctc	cattaacaac	600
tagaaatctg	gttgcatacc	caaagaagct	ggctctgata	cacactaatn	aaattgnnaa	660
aaatncangc	tttaatgata	taggatccca	aaagtantgt	ggtcaaagcc	aaatncaaaa	720
gtcttttaag	gaagacc					737

<210> 2776

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 2776

ggggnnnttg	caaatncnng	gctgttcttt	tgcaggatcc	catcgattcg	ccagcccctc	60
ctctccccgc	cttctgggag	gaggaggtca	cacgctgatg	ggcactggag	aggccagaag	120
agactcagag	gagcgggctg	ccttcgcgct	ggggctccct	gtgacctctc	agtcaccttg	180
cccggccagc	caccgtcccc	agcaccacaag	catgcaattg	cctgtccccc	ccggccagcc	240
tnccccactt	gatgtttgtg	ttttgttttg	ggggatattt	ttcataatta	tttaaaagac	300
aggccggggcg	cggngggtca	cgtctgtaat	cccagcactt	tgggaggctg	aggcggncgg	360
atcacctgag	gttgggagtt	caagaccagc	ctggccaaca	tggggaaaacc	ccgtctctac	420
taaaaataca	aaaaatttagc	ncgggtgttg	tggacgtgcc	tataatccca	gctactcngg	480
aggctgaggc	aggagaatcg	cttgaacccg	gtaggtgggg	gttgcngtga	gccaanatcg	540
caccattgca	cttcannctg	ngcaacaaag	aaccgaaact	ctgtcttaaa	ataaatnaan	600
nnattaaaag	acagaaaangc	aagggggtgc	ctaaaattct	aaaacttttg	gggtccaaca	660
ccngggcaac	cggnggnttg	caaaccacaa	caaccttggn	aaggcttcca	ttttntttcc	720
caaagcccn	anncagaagg	ggtcattgcc	gggccccaaa	aggaaaaaa		769

<210> 2777

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 2777

ggggnnnttg	caaatncnng	gctgttcttt	tgcaggatcc	catcgattcg	ccagcccctc	60
ctctccccgc	cttctgggag	gaggaggtca	cacgctgatg	ggcactggag	aggccagaag	120
agactcagag	gagcgggctg	ccttcgcgct	ggggctccct	gtgacctctc	agtcaccttg	180
cccggccagc	caccgtcccc	agcaccacaag	catgcaattg	cctgtccccc	ccggccagcc	240
tnccccactt	gatgtttgtg	ttttgttttg	ggggatattt	ttcataatta	tttaaaagac	300
aggccggggcg	cggngggtca	cgtctgtaat	cccagcactt	tgggaggctg	aggcggncgg	360
atcacctgag	gttgggagtt	caagaccagc	ctggccaaca	tggggaaaacc	ccgtctctac	420

taaaaataca	aaaaattagc	ncgggtgtgg	tggacgtgcc	tataatccca	gctactcngg	480
aggctgaggc	aggagaatcg	cttgaaccgc	gtaggtgggg	gttgcngtga	gccaanatcg	540
caccattgca	cttcannctg	ngcaacaaag	aaccgaaact	ctgtcttaaa	ataaatnaan	600
nnattaaaag	acagaaangc	aaggggggtgc	ctaaaattct	aaaacttttg	gggtccaaca	660
ccngggcaac	cggnggnttg	caaaccctg	caaccttggn	aaggcttcca	ttttntttcc	720
caaagccnn	anncagaagg	ggtcattgcc	gggccccaaa	aggaaaaaa		769

<210> 2778

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 2778

gctatgtgga	aatcgcnagg	ctacttgttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagagg	aagctgggtg	agaagaagaa	ggaaaaagtc	gattctactg	actgacgttt	120
ccccctgctg	ttaagaatcc	caaccacaca	ctttcacaca	ctattccagg	ttctggctac	180
tgaatgatcc	cacagctgag	gtctattgnc	atcgctccac	ttctattttt	agcagcacta	240
aaaacattcc	caaaaaaaaa	gtttttttagc	tttttaactg	tagattcacc	actaagaaat	300
tggcattgga	acagtcacac	gagcttattc	aaatttcacc	cattttacat	gcactcattt	360
gtgttgcatg	tgatatatag	ttctatttca	ttttatcacc	tgtgtagatg	gatgaaaaca	420
gcaacataag	caagatacac	agctgttccg	tcacacagag	gctctgccat	actatccttt	480
tatagccatc	tctacctctg	tcccccatct	ctaaccctcg	gaaaccacta	atctggnctt	540
cataattttc	ttattttcaag	aatcttacgt	aaatagggat	cacgaagtat	aacctttgag	600
aatggccttt	tactnccatt	cccttgagat	acatccagg	agtngcatgt	atcaatagnt	660
aattcctttt	tattgctaca	cagtctccat	agtatgaata	tactatgtac	atagcatatn	720
tatttatagg	tnacc					735

<210> 2779

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 2779

tgcgtcgngg	agcgtgcnan	tgcgatngcc	nanaanaatg	gcggggcgca	tccttgacag	60
ttggataata	ggttccagga	agttcagtgg	aaaatttttt	caaagcaaca	tttatagctg	120
attgaacttg	aaaagccatt	ttgggtgttg	atggcaaata	tgtggacttc	agcattcctg	180
gagcctgatg	catcccgtg	gatggccctg	ttcctgtgta	catgatggcc	tggggactca	240
gcagtgtgca	gggtactctc	cttttagagg	tgctttgagg	aaagaagttt	gctgccactt	300
acagaagtcc	ccttcccata	cagtgatata	acacaagtac	cccatgtcca	gggagcatct	360
ttcctctgat	ggcttgagga	cttattttatt	aaaaggacag	gaatgtctgg	caagaaacag	420
aggagctctt	aagtactgta	aatactccta	gtcactctgc	atcagggctg	caagtntaag	480
cagattgctg	tgggtgtatac	acatgatatt	agcatgataa	cacttctgtt	taaatgncct	540
tagttgggtcc	ggnggccacc	actggcgtga	gccttaagaa	aggctaacgc	cgntgngaag	600
aaagggcttt	ataggccng	ntggagngg	ntaaattntc	tttagaactt	aaaagaagaa	660
cttgaggggg	atggggaagg	ggaaaaatga	acccatnggt	ncanggaat	ntaggtgaac	720
angagnaatt	gaaccnattt	gcaagnntta	aagaaaaang			759

<210> 2780
 <211> 678
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(678)
 <223> n = A,T,C or G

<400> 2780
 nttnnanncn cagctacttg ttctttttgc aggatcccat cgattcgaat tgggcacgag 60
 cgtnnacnga ctacgtgtng agcncgtgn cagacnctga ntncacnntg gngaanaatga 120
 nngtctaggg gntcagccc gtntnnttcn taatccagtg aganacnaan acatgtacac 180
 aggctncgat nanttggtgnc aattgggaaa tgtgccatgc tactagggga tggatgagat 240
 cncagcttan tcttggaag aatgagtng ncntngcaan taagggngga anagaatatt 300
 atcaagagag gtgangaaag ttgncgngac ctcaagtgtg caganatgag aatacnttgc 360
 tgtntaaatn actgcttnac ctcnatangg gnnagaggtnc ngntnnntg agctaactcg 420
 atntcangng atgttatcng gaagaanaaa ggctnnnaaa cnntcncctt tagnacacgt 480
 atgtgcactt aactgcaaat ggtactgggg gagccatata tggacttata tgaaaatgac 540
 ctancncaat tgnctttaga aaaanccng ctgccttgta actngtaatg gcaactgagg 600
 tggtagacat atngatttgc actatgagtn gaatncttat ntctgtngga gtgcattcct 660
 tcgtggntng gactgaac 678

<210> 2781
 <211> 682
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

<400> 2781
 ggcacgagat tttttttgtt cgaatgagcc ttaatcttnt actagtgatt ttttgtttga 60
 aggagccttg atcttggcca ccgaaaagggt naaaccagtg gcaagcttga atgcttgttt 120
 tatggtagac ttagatacga gaacgggtaa aggggtactgg ataaacttgg gatataagat 180
 tgcttctttt atgcatacca ctcataccac tgggtgggaaa tttcatttgg aattactccc 240
 tagggccatg gagtcttctt gcatatgcta ataagtgaag ttcccattac ctttggtaat 300
 aagaaaatat ctttaaaaca agttagcttt tcctattggn tatatatgga aggacangct 360
 gttttccctn ctgtgcattt agcattttgn gtatnctctc attgcnchnaa ntatgcttat 420
 aacattgtga aaccccgctt ctactaaaaa tacaaanatt agccaggcat ggtggagccg 480
 tgcttggaaat ccctgctgct taagaagctg aggcncaga attgcttgac ctgggatgca 540
 aaagttgcag tgancctaca tcacancant gccttcancc ttggggacaa aactgtttct 600
 cnnnaaaaaa antaaanaan tttgagcctt taaaactatn gtggagncgt attacnntan 660
 atccngacnt ggatnagaat cn 682

<210> 2782
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)

<223> n = A,T,C or G

<400> 2782

cgntgantnt	cnannngcgg	gcctcgctct	ttcannaagn	cnngcgnggn	gaattcggca	60
cgaggagntc	gnanctcctg	gtggcgcttt	tttgagctgc	agtgcataca	gagtggcctg	120
antccaccaa	gagaaggccc	aggaggaaga	agagaaaaag	atgctgtggt	tactagtgcc	180
aaaaatgctg	gcaggaacaa	ggaggagaag	acaatcataa	aaaagctgnt	cttttttcga	240
tcgggggaaac	agacctagat	ccaaggccac	aagtaaggct	atggctctga	ttctagaaga	300
caacctttcca	agatgcctgg	caaaaccacc	tccctgtgcc	acacagacac	actaggcctg	360
tgtattttatt	tccccctcaa	agcagactga	ggagggagga	gacgaggntc	tcttggcatc	420
acttttctccc	tggctgcaga	actagacacc	cttgaagatt	tggcctgggc	cagtgaagact	480
gaaatcaaga	aaaacagaag	ggatgtgcaa	ggtggggggg	tccacttnct	gctcccatgt	540
caacccccan	ggccttcagc	gtgcagacgc	ctgncctact	catctgctcc	cacnggatgg	600
accctgggct	ttaangggta	agcanaaagg	gagaaaaaga	aaacccggaa	aatgngccta	660
ttggagaatt	cccagngggg	gaccttcacc	tggatattta	aanggaaana	ttnggatttt	720
aagcccaaca	tgccttnct	tttanggggg	aantnngggg	attaaaaagg	naaaaaagga	780
ttcc						784

<210> 2783

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2783

nnnttnntna	nnnttgggct	aacgccctnn	aagnaaccag	tcggnncgaa	ttcggcacga	60
gaagacctgc	agcttcagca	tcaattgaga	agttnttagg	aatgcatact	agtgggcccc	120
gccccagac	atagtgaatc	agaaaccaac	agggaggcgc	ctagcattgt	ttttttaaca	180
agtgtctgggt	tattctgatg	cacagtctag	tttaagaacc	actactttgg	gtaaacgttt	240
tgactgttta	aagtttatgg	cggtgaagtg	ggcatcttca	aagactagta	cttacacagt	300
ttagaagatt	tcaaggtagt	gctgacagta	gtttattatg	tcagtataca	tacgtgtaga	360
gatcataatt	tagttccctt	cttaattgta	caatttctta	gtttactttt	cctaaagggc	420
catagcataa	ttcttgatc	ctggtggaaa	tcttttctga	ggtgtggggg	tgggcaagggt	480
gtggattgct	gtttacgata	gtgccttcat	tagtttttagt	tctgtctgtt	ttcattcatt	540
attgactcaa	aggtattaga	acaggccctt	atctttttcc	tattagattt	atTTTTgntt	600
tttactttat	gtaagttcag	aatccttttt	ttaaagtgat	gactactgat	gaaataatgn	660
tactagtagc	tgaatttaga	cttgatgcta	tgntgataat	atttaaattg	tgaaaagtaa	720
ttaaggcaaa	atagcaattn	t				741

<210> 2784

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2784

nttcnnntn	nttggctgtt	nttcngcagg	ancccatcga	ttcgtgcct	cctccttagg	60
cagagagctc	cttgggtcca	tttgaaaacc	ttccttcccc	ttttgctgga	attgagagac	120

tgaggacaca	aagtgggtgtg	ctggagaata	aactagagcc	tgtgggtgcc	gactggcaac	180
ttggggattg	tgtgagtgag	ggagagattg	tgcagagcta	atcctaacat	tgctgatgag	240
tggacagaaa	ccataggcct	catgaatagt	gatttctgaa	gtcaaagccc	agtatgctta	300
aatatcaacc	caagtggttt	gggagagggg	agcacagctt	actgttctgc	taaaattctt	360
tgaggaatta	agtnagaata	cgtgtaaggt	acgtagcaat	ggttattttac	aaaatggact	420
ctgcctgcag	attattagta	tgtctcagat	gtaaaaccag	ctcaaaagta	ctangacgat	480
ttgtagtagt	atttaattat	ttgtaaactt	acaccgtttt	tcttcacgtt	tgcagaatac	540
aaatctttgn	cagtagtgaa	atgngaattc	agtaggatta	aactgnngtg	aaaccttgtg	600
ggcgggatga	agagaggcag	aagcgcgtac	tggtgctgta	gttgcccga	agctcaaggg	660
cccactatgt	actgctctgg	gttgccactgc	ccagaggtaa	ggggaagctt	ccttaagacn	720
t						721

<210> 2785

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (730)

<223> n = A,T,C or G

<400> 2785

ggmnttttnt	annatacagc	tacttgttct	ttttgcagga	tcccatcgat	tccaattcgg	60
cacgaggggt	tctttaacct	gtgcttcttc	tgtcctactt	cccctcctgc	acagttcata	120
gagtcacttt	ctgactatcc	tatagacaca	gtaattggac	ctgtgttttt	ttctaattctt	180
tatatgacag	cacatttcct	aattcagggg	ccatccccta	tcccaaattc	catcctgtga	240
gatgtgaaac	ctgtgagttc	atgtgaatga	gtgtttgaag	ggcttgacgc	catgtagtct	300
cttaggaagg	cttcaggggt	ctcttatgtt	gatgctttgc	cattatcaaa	tggcattgat	360
tgatccgagg	gactcagaaa	gttagggtag	actctataaa	taatttcatt	attcctcatc	420
ctctncgtca	tcatttttatt	ggttagtcac	tctgccagat	cactaagatt	cttctcttac	480
aggccccgca	aaattncaca	gagccctgat	tctncacctg	cagatggagt	ctccctatcc	540
cattgctcag	cttttcaaga	tttattatga	tgctggcaag	tganggaatt	tcttaagccg	600
agaaatcaga	agttcatgcc	tgttacctcc	taagaaccgc	gngtnaaaga	ccatntatcc	660
tggtctgana	tggcgggcct	ttagtgagaa	ataagttgtt	tttaagttgg	ttcagaaaaa	720
aaaacccacc						730

<210> 2786

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 2786

agagtttgng	tgtagcgctt	tcnctaagan	nntggcggtg	cgaattcggc	acgagcaggg	60
atccacttgc	cttaatttgc	acagtgttct	tataaatcaa	cagaaagtac	acataacaga	120
aaaattttaa	aggtagggga	tcatttagga	aaaaatgcaa	atgccaaaca	atgtgagaaa	180
atgctcaatc	ttacttataa	tttaagaact	acaattcagc	caggcgcggt	ggctcatgcc	240
tgtaatccca	gctacttggt	aggctgaggg	acgagaattg	cttgaaccca	agagggagag	300
gttgagtgga	gccaaagatc	tgccactgca	ctccagcctg	ggcgacagag	caagacttgt	360
ctcaaaaaca	aacaancata	aaacaacaaa	naaattacca	ttaaaaatga	gagagttttc	420
attggcaaaag	ttaaaaagaa	aggtgaaaga	aaaacctact	cttcttgatt	tgtgtttggt	480

cacttatgga	gaatttattt	tgtcataagg	nctgaatcat	aattaaatat	gttctttggg	540
tctancagtt	cttctatttc	ttgnattata	agtaaaccct	ggaaccatct	tanacactga	600
tcatgaagac	taatttgnaa	taanaaaagt	tctagccctt	cattccnatg	gaaatatggg	660
tgcccgntaa	aaaaaaaagc	ctctagaact	tttagtgagt	cgnattaccg	ttagatccng	720
aacttgatta	aggatacaat	tgattaagtt	tgggacnnt			759

<210> 2787

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 2787

gnctttnaaa	tcnnttgcta	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagatgggg	tatagatggg	tttccccctg	tgtactctag	taaatttcta	tgccatttct	120
cctatcgatc	tgccttttgt	cagttgattt	ttcagcttaa	cttcagagag	caaaggggaa	180
gggtggccaag	tgcagtgtct	catgcctgta	atcccagcac	tgtgggaagc	tgaggcaggc	240
agatcacttg	aagtcaggag	ttcaagacca	gcctggccaa	catggtgaaa	ccctatcttt	300
actataaaga	aaaataagtc	gagtgtgggt	gtgcacactt	gtaatcccag	ctactcagga	360
ggctgaggca	gaagaattgc	ttgaactcgg	gagatggagg	ttgcagtggg	ccaaaatcgc	420
gccactgctc	tccaacctgg	gtgacagagt	aagaccctgt	ctcaaaaaaa	aaaaaaaaaa	480
actcgagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	ataagataca	540
ttgatgagtt	tgggacaaac	cacaactaga	atgcagtga	aaaaatgctt	tatttgtgaa	600
aatttgngat	gctattgctt	tatttgnan	cctttttaag	ctgcaataaa	ccaagttaac	660
aaccaccatt	ggcatttcat	tttatgggtt	caaggttcaa	gggggaagtt	ttgggaagg	720
tttttnaatt	tcnnggcccc	ggngnccaat	n			751

<210> 2788

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (739)

<223> n = A,T,C or G

<400> 2788

tnttatntgn	gnnctttgna	antccccagg	agcnngcgga	ttcgctggat	gaagactaag	60
catttaataa	ctaagttgag	ggcatantag	ctttntntgt	cctataatcc	cagtgttttg	120
ggaggcctag	gcgggaggat	gccttgagcc	caggagattg	aagctgcagt	gaattatgag	180
ccaatgcact	ccagcctggg	tgagagtggg	accctatctc	aaaacagcaa	caacaacaag	240
atacaaattg	agaaactgtt	acttgatttg	cgatatgtat	tctgtccagc	agtgatagaa	300
taacaaggac	tgggtttacc	ttgctatttt	aagcaacaat	atatgaaata	gcaatttgta	360
ggcattgggt	aacaggcaaa	gcaagactgt	ggctactgaa	agctgggaaa	caaacctact	420
gagctctatg	gttgccccaa	tttattatct	ggaggtagtt	ttcaggctgc	agagcaggga	480
tggggaagtc	aaacagagca	tgggtgtctta	gaattgggag	gacaagatgg	gggttggcgg	540
ggagggaagg	ttgtcatcat	tcgtggggca	gagtaccaga	gaagtgggaa	gttgtacaca	600
gaacttccag	tgataggtgg	aggagtcttc	tgaatctggg	tgaatcctga	tctacaggtg	660
catgaaaagg	agaacaccct	gaggncagaa	aaagaaccca	ctggaaacca	caggccaaac	720
aattnctggg	actcacact					739

<210> 2789
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2789
 ttagnnnnnecg nccgcntgac cnggaaancc ccaggagcgt nncgntgcga attcggcacg 60
 agtcttcttag gaatgagggg catcagccca cccaggntt ttcagtgggg ttccggggcca 120
 cctcaggact ccaagaggct gtgtggagcc accactccta gccacagctg ccatgataag 180
 tccttccatg aaggactgag gagggagagt ggggggtccag ggctgggtgct gctcttccct 240
 cagctctgcc ggggctctaa ggtccctcta tttatttctc aaccctggct ggcctctcac 300
 caggagttaa ggctgaatgc cttccacgtg atggaggaaa aggccaactc tgtcctggtc 360
 ttgctgtggc accccatcgc cccacagctc gtaccttctc accagattcc cctgaatcca 420
 aactcgtggg gcaaaccctc acctttttta caaaaagatc ttattgttaa tttattgntt 480
 ctggcacttg ggcaaaccct gtagttaata ctctccccc actagacact gggtttcagg 540
 aggagggaga ctgccctgct ttgggtcccag agaggccctc tgcagatagg cgtggcccct 600
 cttcagagga cactacccta gggcactttc tctttgaggt ggagagaccc ataaagcctt 660
 gacacatcac tncatatggg ggaggaagaa aggatccctg gcaccttctc ctctctttaa 720
 nggggccctt ttgcaagccc tagncn 746

<210> 2790
 <211> 814
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(814)
 <223> n = A,T,C or G

<400> 2790
 nccngngggn cagacggaaa gcccangagc cnggcgaggc gcnganacat ganaancact 60
 tgaaccngng aggtggngga tgcagttttn ttttgattga gccattgcac tcnagcctgg 120
 gcaacatagc gagactctag nctcaagaag annanaaata gactgagana aagaaganga 180
 aaaaactnnn gaggccacca gtcctgngaa gacaacaaag aagcagggtc ctgagagaga 240
 ncnangaggg cataggtggc ccgaggacat nagangggtt nanctncang ngaaatnggn 300
 gggaacggtg ntccaggcgt aggggaatagc ncatgnaaan gccgtgataa aggggaanaaa 360
 ctnggtgnga tggaggaatg ncagagaggg cagaacagan cnagagggca ncattcgtag 420
 gagacgaggg aatcacgggc ctgccaggcc atggangggg tngggattct annacgaagc 480
 ctgaggaaaag tnaaggcngg gannancaca ncaaagatgc cancnggctt gggcttacgn 540
 acctcccca tggcngcatg ggaangaaaa ttaanatggn cgcaccaaaa agttgnaann 600
 aangnngaac gcagcnnngg tgnnanngnn cccangggcg aaaannggnc aaagnanggg 660
 nccggggtcn nggggcttgg aaaangatag gacgggngc caagnaaggc tccaanaaaa 720
 atcgganccn ngggaanaac nngggaganc nngcnnggan ngggacaaaa attngggnc 780
 cnggccaagg ncccggngg caccanagtg ggcg 814

<210> 2791
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 2791
 cnnncnntgt actgnacnng nantcccatn agccnannga ttcgaattcg gcacgaggca 60
 tattgtggag aggcacagtt caggaggaat agntttcgtc ttgaagagga ggacactttc 120
 ctgtgaatca tgagggacag aagatccata tagaagaaga caatagcttt gatcttctat 180
 tacaagaaaa ggaatgccag tgtaagagat ggcattgat ggaagtgtat tccttttcag 240
 gcctgcagag tgtccctccc ttggctccag aacgaagatc cacacttgag gactactctc 300
 agtcgctgca cgccagaact ctgtctggct ctccccgatc ctgttctgag caagctcgag 360
 tcttcgtgga tgatgtgacc attgaggacc tgtcaggcta catggagtat tacttgtata 420
 ttcccaanaa aatgtccac atggcanaaa tgatgtacac ctgatagcaa gaagctaatt 480
 catatgcttt aaaccaatga aggcttgnca aagagattta gttaatggca gaccttgnng 540
 ccactttntg tgagaagaca tctctttntg ctactgtct tgcaataaaa acttttnttg 600
 gcaaaanacc aaantttaga gtnancntt aaangaaaaa ccttggncct cttanaactn 660
 ttntggaggg gnatttnccn tngaattccc accttggatt caggaatcct ttgatnaant 720
 ttnggaaaaa cccccactt ggaaatgccc 750

<210> 2792
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 2792
 agcttncnnt nnatnagtnn nggaactngc cgcannatcc cancnantcg ctccgcagca 60
 ggcccttget gtccccccac ctgctggctg agctentnct ggctctgctc cctctcagct 120
 gtagctgcac ccccccgct ctggctacca ggctctcccg gctgggcact gcgtggcctt 180
 gcccctctcc cgctggcagc tctcagggg aacaggggct accagaggct gatttctccc 240
 ctctcctggg ccaggggagg ggtattatcc ctgcctcctg cccccgatgc ccaaagcagc 300
 atcttccagc actttccatc gaggacttgg gtggcagant gtgggtgcag cctggctggt 360
 gctcacccaa gtgctagctc tgcaacttct gtctgctgag agcaaccaag accttccatg 420
 tctcagaggc agctgcaact ccccgcgaga ccccgcannt ggggtgggatg aacaaagcaa 480
 cgcagaccac angcgagtgc ctgggaagga gtggnccang gtggttctgg agccattgtg 540
 ggtgagggtt nagggccacc gaagtnccgc ncaccgntgn ctgccctgca ctggctttaa 600
 caagttnngt ntgccaaana ctnttcaatt taccatcaag ccggtctant gtcttcaagg 660
 nattggagcc tgcgattcct tcggggcacc ntggggcccc cncgggctnt gggntccctt 720
 gnggggaaat gggcccaagc cgggctttgc nggttccctt cnttanggg 770

<210> 2793
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 2793

tctanctttg	ngtgtancgc	ctngcctann	agantgggtg	gncggaagat	gaggaagcca	60
gcactggatc	tcattctcaag	ctcatnttag	atgctttcct	acagcagtta	cccaactgtg	120
tcaaccgaga	tctgatagac	aaggcagcaa	tggatttttg	catgaacatg	aacacaaaag	180
caaacaggaa	gaagttggta	cgggcactct	tcatagttcc	tagacaaagg	tacggaaaaa	240
ggaccagatc	aattattgaaa	caaagaataa	aactgttcgt	tttataggag	aactaactaa	300
gtttaagatg	ttcaccaaaa	atgacacact	gcattgttta	aaggtttagtg	ctgaattagt	360
tgattgtttt	taattgaaaa	gtttaaagnt	tttaattatna	atggtggata	aagtgaataa	420
atncaatatt	tgattaatcc	aaaagaagac	cangaaanga	agaaaaagtn	acgtttaaca	480
agtgtgcana	atacaaaaaca	natagtgaga	tcttagatac	ttatgcagtt	ctaccgagtn	540
nttaccgtga	aatntaaaaa	agggnnngaaa	atantntcca	aggttaaagc	ctttaaaaaa	600
tattannaac	tttggattca	aaaacaaact	nncttatgga	agccttttn	ccaacnagga	660
ngtccanccc	tttaaaatan	tgaaaggatt	ntgtaaaaaa	aanannntta	aaaaaacttt	720
gngcncctt	tttaaanent	nttttggng	ggggcctttt	nnccgtnaaa	attccctacn	780
ctttgtatta	nagnacnct	ttnggg				806

<210> 2794

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 2794

tnanttnnnn	ggttggngt	tcttcnntaa	gatncaancg	atncgaattc	ggcacgaggg	60
cacagtcagg	gagttagtta	gtgggtagac	tcagcaggag	ttggttgcta	ttcagatgtg	120
ttggggaaaag	tgacaggcat	agctgactcg	gggtcattca	ctaagccagg	agcccaggaa	180
gacacacaga	tgcaagcaga	gatcgtgcc	ttacactcca	gcctgggcta	cagagtgaga	240
ctctgtgtca	aaaaaaaaa	gaaagaaaat	gggcttgtgt	ggtagcaggt	aagaaattga	300
atctctgttg	tacagcagct	agctgtactg	catgatcact	tcccattccc	cagctgacag	360
tggtctgtct	tggaactcct	accacagtct	tcaattggta	ggccagccct	ggtgccagt	420
atcttatctg	ggcatggaaa	atgccacttg	cttctgtgga	agagacactt	aaaagatctg	480
gcagtcggcc	gggtgcggtg	gctcacgcct	ataatcccaa	cactctggga	ggtcaaggca	540
ngcggatcac	gaagtcagga	gatggagacc	atnctggcta	acacggtgaa	acccttgtct	600
ctactaaaaa	aaaangnaaa	aaaaaactcg	agcctntana	ctatagttag	tcgnattcct	660
agatncngac	atgataagat	ncattgatga	gtttggacaa	ccacactnga	atgcntgaaa	720
aaaatgtttt	ttntat					737

<210> 2795

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 2795

gtaaagtget	cttgttcttt	ttgcaggatc	catcgattcg	aattcggcac	gagggcagtg	60
ctgcgcgggg	ctcccagccc	tgctgggaag	gaccagggaa	ccactcagca	aggagaccct	120
cttgcccttg	ccccaccat	gcacccagca	gccgggagtg	cagcgggcag	cctggcagtg	180
agtgaacccc	aggcctccag	ccctccaaag	cctggggcca	ccccctgtag	cagggcagtc	240
tagaataagg	aggagagcca	gagctgaggc	tccttgcctc	ttggccctc	caggggccat	300

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gggatctctg tctccacac ccctgtcacg gcccgccctgg agcagcccag aggccgaaga 360
ggttcttact gcagcctccg ggaggtgtct agggaggcca tagattgcct ggtctcgccg 420
cattcaaaat gaggcttatg atcagtactt ttttcagccc cacattcctc tccagaatgg 480
cctctgccct acagcacctg gcccatgtgg caccatgg gcctgtcctc tgctgttctg 540
aggtcgacct nacgaccag cacaggagct ggaagccaag tgcacgcgan gctcttcaca 600
gccaagaag gcagcctgtc accctgtctc ccgaaccaag gccaangtgt ggggggcaca 660
agccatnctc atcctgncag gcccgcgtt cagaatgggg tggcgccaat gctccactna 720
aacct 726

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<210> 2796
<211> 721
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (721)
<223> n = A,T,C or G

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<400> 2796
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ccgccgccgc caccaccacc accactgcag caacaacagc agcagcagca gcagcgctg 120
catagctcca ctctgacctg tgaaggaatg gggatgaggc caggagctag tgtctaccac 180
ggccacacag ggagcagtgt gggcccttag cccccaaggg gcctgctatg catgtggctt 240
tttttttttt aaacacagta aactagatta gtctgtcagt ttttaattgc cctctctctc 300
ctctcctgca ttcctctcct ctctctcttc ctctctgtcc ctctctcttc cctctcaac 360
caggagacca tcatgtctct ctgccttcct cctctccct ccaggggagt caggctgtct 420
gtgaaagcca tgagcttctc tccctctccc actcctcctc tctactttc agatggattt 480
attccttttt ttaaacaatg aacatcgga atgagactgt ggggtgtggt nctctctctc 540
ttttttttta attttctttg ttgggttttt gagcaacctc atgtcccttc caggagctt 600
ttaattacct cttanaactc aagtggatgg gaagtagagc actatgtgtc aatatgcttt 660
ggtttctgac acgattacnc agcgaggctt taatgccatt gggtaggtga gcttctgcct 720
t 721

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<210> 2797
<211> 750
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (750)
<223> n = A,T,C or G

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<400> 2797
ggggttttta tgcttggtta ctngnnetct atgnagganc ccatcgtttc gctntcggtg 60
gccttnctgt ggaagtga ca tgcattttt ngccttattn gtgnacnngg ggangnncta 120
aanttgccct gtnncangg gttaaggtea cactgnncta attngcaatg ggaacaccat 180
gtactnagtt ggntncncc gttnttagga aagctttcnt tatgcaaggg ataacatcna 240
atagggcact tatcccaa ataatgcagca atttaaacca nngatgttta cgcattggcaa 300
gaacacngtt aggaggant ntgggggtcaa ctangctgat gtctttgaac acccatgagc 360
tactggaan gntgnatat cnggtggccg atgggctnng ggngtntnnt gnttgctcat 420
angcgnaatt taaangnnga gttatgtggg nganaatatg tatgtttgca attacacatg 480
gaatgtaa ac caagataca nttctnagcn ccctaaccnc taantggatn ccctcntntc 540
anncaanggg nntntccacn gggaacctga aacactagtt naggtgtgta tggacatgag 600
tgggtggaca tgctnctatg gnaaggaatt nntacnncac tnaccttcat gaacattcna 660

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ncngagacct ttaagggtna ncaaganatg acttttgnngt nnggaatatg aaggtggaat 720
 tgacacanag gcccttgaaa tggnaatgna 750

<210> 2798
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 2798
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 ggaacaaaca aaaaatgcac agttcataat aatttctctt cgaaataata tgtttgagat 120
 ttcggataga cttattggaa tttacaagac atacaacata acaaaaagtg ttgctgtaaa 180
 tccaaaagaa attgcatcta agggactttt ntanatgctn cttgcaaaac tactacnctc 240
 atatggcatg atccattnac antaccgttn cnatatctgn cntctnctg naccnntnctn 300
 nnatctnctn tntctacnnc nntnaccnct gnannacgtg acgnagcnct cnctnagatc 360
 antganactg antatntntc angatcatnt cacaattcnn nctctntngn acnncaactgt 420
 angncnatca atctgcctta cnannccaca ncngantggn cannontgng agaccncnc 480
 tttnnnangc caatgcnnnn ggatcacctt agnccntngt cctgccgncc ctgtntctnn 540
 tnnngaaacc nnntcnttac tcccaatang nnnnatgcct ncnntntnctn tnancncgcc 600
 cntttaantn ccancnttctn ttggcnaggc cccanacact ggnnnantnn acttntntcc 660
 cccaanttng nggannggct nnnannnnaa nccnnnattt gnnncncaacn tnnnnccnnn 720
 ccngngcctn aatnccatnt nnnannnaaa nnaanaaacc n 761

<210> 2799
 <211> 698
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(698)
 <223> n = A,T,C or G

<400> 2799
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 acgaggcaca agccactgtg cccggccaat actgcanaat attttaaaaa gttaaaatta 120
 tctcttctgg ctggtcatag tggctcacac ttttaatccc agcacactgg gaagctcagt 180
 cagaaggatt ccttgaggcc aggagttaa gatcagtctg ggcaacacag accccatata 240
 tccaaaaaaa taaaaataaa taaataaaac agttatcagg ctgggagtgg tggctcatgc 300
 ctgtaatccc accacttttg gaggtgagg caggcagatc atgaggtcaa gagatcaaga 360
 ccagcctggc caatgcggtg aaacttttgt ctctactaaa aattcaaaan ntaaaattag 420
 ccagggtgagt tggcgggccc ctgtaatccc agcccgttg ggaggctgag gcaggagaat 480
 tgcttgaatc tgggaggcga agttgcagt agttgagttc ttggccactg cactccaacc 540
 tgggtgacaa gagcaaactc atctatnaaa annaagacac tnagcttnat agttntgaga 600
 tatcttttagc atgttntatt tccaatgtta gaaaattatc tttgntattg tcatttttgtg 660
 gtgatactna gctctttgct ctgatactat aatgngct 698

<210> 2800
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 2800

gtntangncn	gcactncttg	ntttgtgcnn	gatgcncgat	ntnngaattc	ggcacgagac	60
ctcttcttca	ttgttaaaat	ggaaataata	atactaccta	gctcgtggga	ttgttgtgag	120
acaacaacaa	atgagacaac	agagatctga	aactctgcct	ggcccctggg	atataccaag	180
tccacagtta	aattagcctt	tgttactaaa	tcattgtttg	ggtagaaaac	ctcagatttt	240
ggattttctca	agtgtctcct	ttctactgtc	caaaaggcag	aatgttattt	ttgctcgatt	300
ccattatgta	atatcctatg	aatttgaaat	ttcggaggag	gcacagcatg	gggctgtgga	360
aatgggtgcag	gtatctgcat	ccgaaactcc	gaagttgtgt	ggggagggtcc	tctctcctga	420
gcccagaggc	aaaaagctgc	tcccaagaaa	tgatctttat	gccccacagt	ccaaagcccc	480
acattaaaca	aagtctcaag	acaagaaggc	aatgtgaccc	tggcccccac	gttttgtttt	540
gacttttaaat	ttcaaaataa	tatcattgtg	ggggggctta	tagtttttaa	cagctgaaag	600
ttatatagac	agaaaaaatg	ctcaatgagt	agaaaangga	aaaaccttac	ttttaagaaa	660
acgtgattaa	tcaaagagat	attatgcttg	acctcaggcc	atcactttga	actctgncac	720
tggnatgnaaa	atggcttncc	a				741

<210> 2801
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2801

gggnntntan	tatcagctct	tggttcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gagcctctga	tcatacaagac	atggcagaat	aaaaagacaa	gtcacaggct	agctgaagat	120
atgttgcaata	cataaatcca	gcaaagactt	atatccagag	tatataaaga	agttctgtaa	180
atcagtgaga	aaaaagacaa	accccccaat	taagaatagt	caaaagattt	gaacaggcac	240
ttcacaaaag	gggggtattg	aaatggccaa	taaacacata	atcattactt	atcacagaaa	300
agcaaattaa	aaacagaaaag	agataccaca	acctcctccc	cagaatgtct	atatggaaac	360
aaatgtcaat	accagggttt	gaccaaacc	aactggaact	ttcacacatt	tttgctaaag	420
tgtaaactgg	tacaacctct	tcagaaaact	gtttgacaag	atttttgttt	ttgtttttat	480
acagttaaac	acttaactta	tgactaagca	ttctgtcct	aggtatttac	ccaagagaaa	540
tgaaaatgta	tccaaacaaa	gacttgtaca	agaatgtcac	agcagcttta	ctcaaaatcc	600
tacaaactag	aaagaccag	gtgtccacca	ataggagaag	ggaggaaaaa	actaaaacca	660
ctttggtgna	atctctgcca	gtaaggaatg	aattactcgt	gcgtgtacaa	tatggatgtg	720
tcaaaacaaa						730

<210> 2802
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 2802

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gtaatagcag ctcttgttct ttttgcagga tccctcgatt cgaattcggc acgagggcag      60
aagagcagac atggcagatg cttttctatc ttggtgttga tgcttttacgc aagagttttg      120
agatgaccgt ggaaaaagta caggggtatta gcagattgga acaactttgt gaggaatttt      180
cagaagagga acgagtaaga gaactcaagc aagaaaagaa acgcaaaaaa cggaagaata      240
gacgaaaaaa taagtgtgtg tgtgatattc ctactccctt acaaacagca gatgaaaagg      300
aagtaagcca agagaaggaa acagacttca tagaaaatag cagctgcaaa gcctgtggca      360
gcactgaaga tggtataact tgtgtagaag taattgttac caatgaaaat acatcatgta      420
cctgtcctag cagtggcaat cttttggggg cccctaaaat aaagaaaggc ttatctccac      480
actgtaatgg tagtgattgt ggatattcat ctagcatgga agggagtgaac acaggttctc      540
gggaggggtt ggatgttgcc tgcactgaan gcatttgtaa tcatgatgaa caccgtgatg      600
actcttgngt tcatcactgt gaagaccaag angatgatgg tgatagttgt gttgaatgtt      660
nggccaatct gaagagaacg acccanaana aaaaannnnn nnnnnnnnnn nnnnnnnnna      720
aaaaaacctc cc                                          732

```

<210> 2803

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (732)

<223> n = A,T,C or G

<400> 2803

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ggntcnaatg ctggctcttg tgcntnatgc aggatcccat cgattcgacg gagttgagtt      60
gctaactttt gtccttttcc tcagtttcca gatgagttta ncagtaaagn atgcttttcc      120
caggcncaaa ttgggaatgg aaatcaccta gntccgttcc ctctgacagc tgtaatccan      180
agagctnagc tgnttacttc attagctnng tataagctga cgacagcagt gcccttgctt      240
tatntttgac agagctagga aanaagcctt ctttgttntc gctgtaatca tagttaccct      300
tganctgaaa tatcttacat tnattctcaa gcaggtaggg agagganaaa agacattgag      360
aaaatnacac ctgaatgcct ggagcatgga agacattctg tccctagcct ttccctntg      420
antttgganc ctgngcccac tatgcccac gactgagctt tctaaancat ntatngattn      480
atgttattnc nctccctana aggctttcag aggatctcca tggccntacg aagaacttca      540
gatecttanc atgctacaga actcancatg atcaggntc cttatttctc taattgattt      600
aaccacngat nctatgtgtc cttacattca gactcaataa nntncttaaa nttttcctgn      660
anaccaanna gatnctataa aggctngagc cttttaaacc tanangnggt cgaattccgn      720
agnaccagaa nn                                          732

```

<210> 2804

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (729)

<223> n = A,T,C or G

<400> 2804

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gaaannagct cttgtctttt gcaggatccc tcgattcgaa ttcggcacga ggcagccaat      60
tggaagagt gacttctgtg agatggctgg ctggtgatag gactaagttc tcattgttca      120
aatagagctg ttcaacatca ctgaaacctt taagaaaagc cctgagatca gttattccta      180
caagttaaag tagtagacag atactatcca gctctaaagtc tcaactgctc ttttatactg      240
tacttttttt ttgagacgga gttttgctct tgtagcccag gctggagtgc aatggcagga      300
tctcagatca ctgcaacctc tgccctctgg gttcaagcga ttttctgct tcattctccc      360

```


aggtagctgg	gattacaggc	atgtgccaca	acgcctggct	aattttgtat	ttttagtaga	420
gactggtttc	tccatgttgg	tcaggctggt	ctcaaactcc	cgacctcagg	tgatccgccc	480
cctcggcctc	ctaaagtgt	gggattacag	gcgtgagcca	ctgcgcccag	ctatactgna	540
tattttaaga	agttccagca	tgttgcatct	ctgcatttat	cctatatcat	taaaagaaca	600
taagttatca	tggtgttggg	taaattagcg	aaaatcaacc	ctttctaagt	ttaagggaaa	660
aagtattttt	aaaaacaact	taatnaaaac	ttacactctt	ttattacaag	aatgtatttc	720
ccttaaata						729

<210> 2805

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 2805

gcatgtggct	ctngnctttt	gcggaacctc	gattcgctgg	aattagtggc	ttgctgataa	60
tctcatttta	taatttgttc	agcaatccag	cangaccaac	tttttaaaaa	aattaataac	120
agtagtttta	tgaaaactaa	gtaagaaaac	agtttccacc	tatttctgag	gtctccttta	180
gaaggagtaa	cagacagctt	ttattttctc	taaagttata	aaaatcacaa	tcgcaagtca	240
caatgaatac	tggaagggga	aattactttt	gcagagtgat	caagtaaagt	atagcggggg	300
ctaaactttt	ttagtaaact	tgtgaagatt	acatacagta	aagtgcataa	atcttgagtg	360
tcaattcaat	gaatttttat	aagtaaacac	actttgagag	caagcatcct	aagactccac	420
ttcctccaga	attagctgat	gttcaggcat	aaggttgttt	acaggtgaat	tcattgacacc	480
tttgactctt	ctactgnctc	agaccttagg	taacatacct	gcagctgctt	ttctaacaaa	540
ctgttgatca	gcaaaaaataa	aggggctaca	gaaacactca	ttttatgctg	gtcctctttg	600
ggcttcatgc	caagacaatt	ctgnggtaaa	tgtncagttg	actctgattt	ggnaatatga	660
aatcaagtc	catccttggg	attaaaaaat	tttttacaat	tgnaattatt	attgatgggc	720
atattgggn						729

<210> 2806

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 2806

gcaaagnggc	tcttgttctt	tntgcaggat	cccatcgatt	cgncggcggc	tctggctgcc	60
cggcggtnga	gagcatggac	tctccagggg	cangtnnggc	gcctccggag	ttaccggagc	120
ggaactgcgg	gtaccgcgaa	gtctnntact	gggatcagcg	ctaccaangc	tcagccgatt	180
ctgcccccta	cgattggttc	ggggactant	cctccttccg	tgcctncta	gagccggagc	240
tgcggtcgga	ggaccgtatc	cttgtgctan	gatgnnggaa	cagtgccttg	agctacganc	300
tgntcctnng	angctnccct	aatgtnacca	gtgtggacta	ctcatnantn	ntngnggctg	360
ncatgcaggc	tnnctatgcc	catgtgccgc	agctgctctg	ggagaccatg	gatgtgcgga	420
anctggactt	cccaatgctt	cttttgatgt	ggtntctgan	aanggcncgc	tggatgcctt	480
gatggctggg	gaacgagatc	cctggaccgt	gaactntgaa	ggngtacaca	ctgtggacca	540
aangttgagt	gangtgagcc	gtgngnttgt	cccatgcagg	ncnnntatn	ncantgacta	600
catgctggcc	ctcgttttat	gggccnaacc	tntgcccaag	mntattatgg	ataggaccct	660
gaagcatgct	acctattggg	aatgggtttc	acnttccatt	gnnacctca	tgctncaaag	720

gccggtaaag cttnaaacn

739

<210> 2807

<211> 728

<212> DNA

<213> Homo sapiens

<400> 2807

gaaagcagct	cttggttcttt	ctgcaggatc	ccatcgattc	gcaaaaagtt	aaaattttat	60
ttttctctca	tgtaacattt	tgataaattt	gatgattccc	taatgttggg	accagtcctt	120
ttctgtctta	ggctcacaac	tatccttgag	cctgtgtcat	gggggatgac	tctgaagctg	180
cgtgcaccct	gttcattcac	attttcttgg	cctgaactta	gtcactaggc	tattcctaac	240
tgcaagagaa	gctggaagat	gtagtcttcc	ttctgaccag	ccatgtgctc	aaccacaaat	300
tgagtttcag	ttattggagg	gcagaaagaa	tagatatggg	gctgctttgt	aggctgctgc	360
tcggggcagc	ctctgctgtg	ttatttgaga	tttataattt	tccttggcct	cccagatgac	420
agtggaaaaa	ggcatagtca	agacttcaag	tgcggaaaat	gttggcaact	ctgacatgca	480
agttcttttc	catatagagc	tgagttatgc	tggagtattt	tggttacaaa	gacttcattt	540
tctcacctgt	ctgaattcct	gtttggattt	tagttactct	tgatttatca	gcatggatta	600
aaaattgaaa	agacttggtg	ttttaaaatt	atatctgaaa	tggcagagac	agcatctgag	660
gattcctctt	gctactataa	ggaatgagta	attagtttga	tttttcttta	aatccaaata	720
aataagat						728

<210> 2808

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (739)

<223> n = A,T,C or G

<400> 2808

gnaaancagc	tcttggttctt	tntgcaggat	ccctcgattc	gaatcggcac	gagacanagc	60
atatgtacca	acaatgcatg	tttatattct	gtgccatgcc	aggggcaaat	tcatagttgg	120
cctgtttcca	taagtgtggg	gatggaacct	tgaaacacag	gacatctcat	aatgctgtaa	180
gcagggacca	ttgaaattga	ttcctagagt	cttggttctac	aacttcttta	aaaattactg	240
atttgacagc	agtatgtatt	caacatttta	gactttctgn	ctaattttga	gcatacatte	300
ttgactaang	ctagcaatta	gagattcttt	ctttaattta	tcagatatct	attaattgtc	360
tacttttgag	tgggctctgt	gcaaggcgct	aaaaagccag	ttactggggt	tctgttcctt	420
aaggatcctg	anaattgagt	tgctaagaat	taaatcagca	ggcgtgcaat	atgactgtca	480
aagcttgacc	cctgcttnga	ttccctttgt	tganacaggt	tcttatagga	cctggattct	540
caccacatcc	tctgggtctgt	ttaaggggaa	acaaagggta	agctcaactc	tgtgtccagg	600
agtaccttat	agtccctttc	ccttaactgn	gtcnggttca	acttgatcca	agatcaggga	660
ttagtacaag	ctttgtaaaa	aaaaaaaaagg	tttatttttt	accaaaaata	ganccagatg	720
ccctttggaa	ggtaaaaagn					739

<210> 2809

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (736)

<223> n = A,T,C or G

<400> 2809

gcnatgcttg	gctacttggt	ctttctgcag	gatcccatcg	attcgaattc	ggcacgagga	60
gagacagtga	gagagacaca	ccatggggcc	tgatatggag	gcacttacgt	ccaccaatgc	120
tgtaacattt	gcattcggtt	acaccctttc	attaatttat	taaatcattc	tccagtgtaa	180
cttctgtaga	attcccagtt	tttgctttta	tgaaattctg	tagttgatga	acctcagatt	240
ttacaagtaa	ttgaacttaa	ctacaggaga	aggaggagaa	gaaggtggag	ggaaaggaca	300
agaaaaaaaa	gcaagatata	actttttttg	gttccccctc	tttaatat	tttctaaaat	360
tcatacta	aaatacaatc	atttaaaaa	gcaggtatct	aaaattacat	ataaactggt	420
ccttcgagta	agtcagagaa	tgctatttgc	tcattgttaa	ctgtattttt	agtatcttcc	480
aaacaaaatt	ctcttttatca	aaattatcat	ttgcagcttt	tctaggtagt	ttccaaagtg	540
gatgcacgct	tatggttggg	aaggatcctt	cttgacaaag	ctttcacact	cagaaactac	600
tatcaaagtc	agtcaagcac	aggaagaaag	aatacactga	tgacccgagt	atgctgaaat	660
aaaagaaaca	taaggngctg	ctgtctgaat	tcacactgga	gtttctttca	ctggtgtcaa	720
gtggtggtaa	cctatc					736

<210> 2810

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 2810

ggatctagct	ctgntctttt	tgccagatcc	catcgattcg	aattcggcac	gagcattagt	60
atttttgtga	tttcattttt	tacacttaaa	tattgattca	tgtggaattc	actttgatgc	120
aggggtgcagt	agggctccag	tttaattttt	ttttagattg	ctactcagtt	gtttcagtag	180
tgcttagtga	ataagccatc	tttattatct	tgagatgtca	cttttattat	gtactgaatt	240
tctctgttta	tggtgggtct	ttagctgtac	tatgtggtct	cttccattga	tttgtctttt	300
actgggctgt	gtcactactgt	ttttaattat	tgtagtgtta	tatttttagta	tttgggtgagg	360
ctagaccctc	ttcaattaac	ttttgcttta	ttttttccaa	aggaaattta	ggagccggac	420
acatatgtgt	gttcattgtat	tttcattggg	aatgcattaa	atatatagat	taatttaagg	480
gatcattggc	actttttgtga	tggtgagtat	gtctgttcag	gaacatggta	tngcttttcc	540
atttattcaa	gtctttcaag	tatttttttg	gagcatttta	aagttggctt	catatagatt	600
tgnatattnn	ctttctgnga	aaccaataga	ctncaaaagc	tttantggct	tatggcaacc	660
aaanggttaa	tttctcattc	accgttacat	gccacctgta	ggtcaatggc	agccctgctt	720
atggttcgat	gn					732

<210> 2811

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 2811

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gagatccaat	atattattgag	tgctctattag	gtgccaaagca	ccttaatagg	tcctatggat	120
ttgaaatgcc	gtccctgtct	tagatctcac	ggctctactgg	aggacacaga	gaagtaagca	180
ggcagttgca	gtacaatgta	acactgagtg	ctgtctgtgt	atgatgctga	ggagggaggt	240
tagcctgagc	cggggaagcg	gagcttgcaa	tgatcgagga	tcgcgccact	gcactctagc	300

ctgggcaaca	gaacaagccc	ctgtcttaaa	aacaaaacaa	aatcttcaga	gcaggcttaa	360
aaaaaaatct	ccctagggga	ataacaatta	cctgccttct	gtaatcatgc	atgtattgtt	420
acaatgaatg	ttacaaagt	ggttacgtga	tggtcatgtt	tttaaactga	gttattgtca	480
ttttcactca	gattctgcca	cagtaattct	gaaagggttt	aattgaaaat	attttctttc	540
tcagtttact	cgtttactca	ttcattcata	taaaaaaatt	gcttaaaatg	tcaatcatcg	600
gctagacccc	atacccaaag	ccaataactg	gcctcaagaa	tttacaatct	agtgagggaag	660
acatgttttag	acaggcatta	aaaaacccaa	cctagcacca	agctatgtag	aactcagaga	720
accattnatt	gaagt					735

<210> 2812

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2812

aaacaagcag	cnccctgtaa	anccctcnnt	gcnggaccca	tcgttcgaat	tcggcacgag	60
gacatacgag	aagaaattaa	atgtgacttt	ttattttaag	caaaacaccg	aattgctcat	120
aaaccgcatt	ccaaaccaa	aacttcagat	atttttgaag	cagatattgc	aaatgatgtg	180
aaatccaagg	atgtgctagc	tgataaagaa	ctgtgggcnc	gacttgaaga	actagagaga	240
caggaagaat	tgctgggtga	acttgatagt	aagcctgata	ctgngattgc	aaatggagaa	300
gatacgacat	cttctgaaga	ggaaaaggaa	gacgtaaca	caaattgtga	tgcatgcat	360
caagtaacag	actctcatal	tccttgnat	aaggatgggtg	caggtcagaa	ccattcaatg	420
gncaagtga	tagtcagntg	aacnggtcag	tgaatgggtc	caggctctac	ccagtgatga	480
tgatgatgat	gatgatgacg	acgacgacga	ccacattgac	gacgatgatg	gngatacgcc	540
atgangcttt	aagggttgga	gaaaattcta	ttcccacaat	ttattttcac	atactggtga	600
ccctaanagg	gncccaaata	aaaccgggaa	gaatcccnct	ttnaaaaatc	cctggnaagg	660
aaggaagaaa	gccnaaccgt	aancnaaaga	acaanccctg	gcaangggca	cttntggccn	720
agaactggcc	gaccaatnan	gncg				744

<210> 2813

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2813

ggnnntnaag	ancagctctt	gttctttttg	caggatccct	cgatttcgaat	tcggcacgag	60
acgaaatagt	gacatgcact	tattagatnt	ggaatctatg	ggcaaaagt	cagatggaaa	120
gtcgtatgtg	tattacgggg	agctggaatc	caaaatcccc	acattttcaa	gttgtaaagt	180
aagaaactcc	taaagataaa	gtcctgttta	tgaccacagc	tgtagatttg	gtaataacag	240
aagtncanga	gcctgtncga	tttctcctgg	agacaaaagt	ncgcgtntgc	tcacctaatg	300
aaagattatt	ctggcccttc	agcaaacgta	ntnctactga	aaattncttt	ttgaaactaa	360
aacagataaa	gcaaagggag	agaaagaata	atactgacac	tttatatgaa	gttgtntgct	420
tggaaagtga	atcagaaaga	gagaggagga	aaactacagc	cagtccttca	gttcgcctgc	480
cacagtctgg	atcgcaaagt	tcagtgatac	cttctcctnc	agaagatgat	gaagaggann	540
ataatgatga	acctctnctg	agtggatctg	gtgatgtatc	caaagaatgt	gcanaaaaaa	600
ttctttgaaa	catggggaga	actgttgtca	aaatggcatc	ttcaacttgg	aatgtgaaga	660

cccgaancan gttggcattc cttagtnagg aaaccgtgtn cettgaagct cttcnangga 720
 gaagtctngc cacctgcttn ccangg 746

<210> 2814
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(729)
 <223> n = A,T,C or G

<400> 2814
 ggnnttnaaa tncagctact tggttcttttt gcaggatccc atcgattcgg gagaccagggt 60
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 tcaacgccc tcatcacggg caggacagtt ctacatcatc tccctccggc ctgaggcttc 180
 ccaggcagtg tgggaagggg ggctgcatct cctggctggg gttcacacct aagtttcctg 240
 aggtccaagc tgacctggaa agttttctagt gagtggcaca tcctgtccca acaaggggaa 300
 cacgggcagg atgtgcctgc accctgggaa aagtgttgct tccgcacacg gggaagaagt 360
 tgtctggggg acagaggagt tccaggtagc aaacacaggc tacaggggcaa gggttggaag 420
 aggctggcag ctggatgtga gacagccagg tgggaagggg tccccaggcc cctccagccg 480
 gcctgtgcac tgggaggggt gcacactggg gtggagccca cagaggtttg tgccatttgc 540
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 atggcaggaa acacactatc ttgctttgct ganggtctct atttcccttt ttttttcctt 660
 tttgccaat aaatcccttt ttctacttct tcaaaaaana annnnnnaaa aaacttgagc 720
 cntntaaat 729

<210> 2815
 <211> 711
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 2815
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 ccactgcctt tgttgacttc tgtttgctct tctgtagaat gggataacag tgccagtcct 120
 gcttactatt tagggttatg tgatgcttgc agatgtacag ggaaagcacc gctgatggga 180
 gctgctgaag tttctagggg aggtgaaggt ggcgcctcct cccctggtct aagtggtaga 240
 tgggtgcagg agaggagaat ttcattctgt ggcagcagct gatagattcc aggtctttaa 300
 tactacctgg gaaaccttaa caaagcagtc agtcaccaa actgacctag cttctgagca 360
 ttgctaacca tgctttttaga gaaacaggag aattgcttga acccaggagg tggaggttgc 420
 agtaagccaa gatcacacca ctgcactcca acctggacaa cagagcgaga ctccatctca 480
 aaaaaaaaaa attgtgttgc ctcatcgaa atgtatttgg ttttgttgga gagtgtcaga 540
 ctgatctgga agtgaaacac agtttatgta cagggaaaag gattttatta tccttangaa 600
 tgtcatccaa gacntanagc ttgaatgtga cgttatttaa aaacaacaac caagaaggca 660
 gaccnggata tactngaaaa aggatgcttt ttttttttta ctccctctaa c 711

<210> 2816
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 2816

gmnntnttaa	tacntnaggc	tcttgttctt	tttgcaggat	cccatcgatt	cgctctagca	60
tgtgccataa	attacagtga	cctttaaaaa	ctcgcttggt	cactgctgaa	tgggtgagaa	120
taggcttggt	tccagttttt	aaggtcacac	tgccctaatt	tgcaatgcat	cacaccatgt	180
actaagttgg	taacaaccgc	ttagaggaaa	gctttcggtta	tgcaagggag	aacatcaaaa	240
agggcactta	tcccaaatga	atgcagcaat	ttaaaccaaa	gatgtttacg	cagggcaaga	300
acaaagtaag	gcaggagttt	ggggctcaact	aggctgatgt	ctttgaacac	ccatgagctc	360
actggaaggt	ctgaatatct	ggtggccgat	gggctcgggg	tgtctcgtca	ttgcttagaa	420
gcgaaaatta	aatgctgagt	tatgtgggtg	aaaatatgta	tgtttgcaat	tacacatgga	480
atgtaaacca	aagatacaat	tctaagcccc	ctaaccacta	aatggatccc	tnctctcagc	540
caagggcatt	ccaaagttaa	cctgaaacac	tagttcangc	tgtgatggaa	atgagtgggt	600
gggacatgcc	ttcatggaag	gaattcagac	acaactgaac	agcatgaaca	ttcaaacngg	660
agaccttaag	tctacaaaac	cagactcttt	gtagccatta	agatgcttga	tatgacagaa	720
aggccctgaa	agcaatana					739

<210> 2817
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2817

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tttcataggg	ccctttcttc	tactggcatt	ctcactttga	attactaaga	agtttcttct	180
aatatccctc	tatctccttt	ttctttctag	ttttagataa	agctgtcaaa	agaacagtta	240
tcatagaaat	agaaacattt	aaattaccgg	cacgatagct	tatttcttgc	tgcaaccatt	300
cagaatatct	atgtgtcact	gccttggttg	ctttgaagtg	aaactgtgct	tagatataaa	360
aagtttaaaa	ctcactttga	ttacatgtta	agctcacagt	ttttacactg	cagttcctga	420
atttagttcc	atcaaaactg	tatgactagg	ccacatgtga	tggctcatgc	ctgtaatccc	480
agcactttgg	gaggccaagg	cgggcggatc	acctgaggtc	aggagtgtga	gaccagcctg	540
gccaacatgg	tgaaaccctg	tctctactaa	aaatagaaaa	attagctgga	tgtgggtggtg	600
cgtgcatgta	gtcccagctc	ttggggangcc	cagcaggaga	atcacttgaa	cccgaangt	660
ggangctgca	ntgagccaag	aatgcgccac	ggnactntac	ctgggtgact	ncatctcaaa	720
aaaaaaaaaa						730

<210> 2818
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 2818

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gatagaagca	tgggtctgggg	ttcctttgct	gaccaggggtg	tgtgctttgt	ccaagttact	180
gaccttccca	aacctcatca	atgcacataa	aaagagcact	tgcaaacaat	gaatctagac	240
atggaccttc	acaaagaaat	aactcaaaat	ggatcccagg	cctaaatgaa	aatgaaaaa	300
ctataaaaact	cctagaagat	aacataaaaag	aagatctaga	tgacctaggg	tttggcaatg	360
acttttttaga	tccagcacca	aaggcaggat	ccaggaaaga	aataattgat	aagctggact	420
tcattaaaaac	gaaaacttct	gctctgtgaa	agatgctgcc	aaaaaatgaa	aagacaagcc	480
acagactggg	agaaaatatt	tttgatggaa	atatctgaga	agagaggctt	ggtatccaaa	540
atatacaaag	aattttctaaa	actcaataat	ttgaaaataa	acaacccaat	ttaaaaagtg	600
ggccaaagat	cttaaatgac	gcctcaccaa	agaagatncn	cagatggcaa	ataagcatat	660
gaaaagatgc	tnccggctgg	cacngtggnt	acgcccgtaa	tcccacactt	tgggatgcca	720
aggcagn						727

<210> 2819

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 2819

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gtcagaagcc	gctatgcttc	ctggacagct	tgacagaacca	gtattcactg	actgctgaaa	180
ctagagcatc	actgagaagc	aagagataga	ctgacctaac	tagagggaga	gctgccatcc	240
aggatgatgc	caccatcaca	ggaggtgaga	aggaacacag	catcttctgc	aaatgctaca	300
gtaaataggg	acgggggtgca	gcaatgtgag	gaaagtggaa	tgaacttgga	ctttgaaggc	360
aaactaacct	ggaatcaa	actggctctg	ctgtttgcaa	gtgtgatctt	tgggtatgct	420
tcctaatactg	tgagcttcaa	cttcctcctc	tgtaaaccaa	gatcaaagac	aaacagggaa	480
acctacttgt	ctgggtgcca	tccccttggt	agaacactcc	tctgaaggat	gacagtttgg	540
ctgtgccagg	gcagantctn	cgacacccaaa	tgagccttca	tagcaactat	ctgatgagga	600
actcactggc	ctacctttcc	ttgacagctn	gggcctgcca	ccttgaagca	tgacttcaca	660
acgnccctac	ccaanggcac	ggangttgct	gctgatgagc	aactgggtat	atttaaatcca	720
ggttctgctn						730

<210> 2820

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 2820

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tttgtgggggt	ctcatacata	actcagtttc	cacaaagctg	tgccccagct	cagccctatg	120
gatagaagca	tgggtctgggg	ttcctttgct	gaccaggggtg	tgtgctttgt	ccaagttact	180
gaccttccca	aacctcatca	atgcacataa	aaagagcact	tgcaaacaat	gaatctagac	240
atggaccttc	acaaagaaat	aactcaaaat	ggatcccagg	cctaaatgaa	aatgaaaaa	300
ctataaaaact	cctagaagat	aacataaaaag	aagatctaga	tgacctaggg	tttggcaatg	360

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acttttttaga tccagcacca aaggcaggat ccaggaaaga aataattgat aagctggact 420
tcattaaaac gaaaacttct gctctgtgaa agatgctgcc aaaaaatgaa aagacaagcc 480
acagactggg agaaaatatt tttgatggaa atatctgaga agagaggctt ggtatccaaa 540
atatacaaag aatttctaaa actcaataat ttgaaaataa acaacccaat ttaaaaagtg 600
ggccaaagat cttaaagac gcctcaccaa agaagatncn cagatggcaa ataagcatat 660
gaaaagatgc tncgggctgg cacngtggnt acgcccgtaa tcccacactt tgggatgcca 720
aggcagn 727

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<210> 2821

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 2821

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gnannnncta atgctcggct ngttcttttt gcaggatccc tcgattcgaa aaagttgagt 60
atztatatgt gccagtgtgt atcatgctga atactttatc tggatgggtgt tatattatcc 120
ctcctataga ctattgagtt gagtactgtt attagatcca ttttacaaat gaggaaacta 180
tggagagatt aagtaatttg cccaagatcc cataataaga aggcaagtgt cgaatgccag 240
gcattctaac ttcagagtcc atagtcttaa cccttgtgct attctcttcc acaaatacac 300
ccagcaggta aaagactgag aaaaataaat atcaaaaagt accttttgaa attgactaca 360
tgaagttagc aaaacctgag ttgttttgtg aaagcgggtga gtacaaagca gtattttgga 420
gaggggtgtg caggggaatcg gagatgaagc tgtgtgctga aaaggagaga agaaattaga 480
ggaagggaaat ggtggcctta cagagaaaca gacttgaagt gatgtgaagt gtttgcgtg 540
ggtgaatgct ggcaggaata agtgagcagg gagcgagtga acaggataag agagatcact 600
tcggagtaaa gccttgaaaa gggagtgtag gaggaagttt ttctcccttt nctgcacact 660
tcctttgngc gtaaaataga aatgtcttcc ttctgaagga ttcaaagaga atgttggtct 720
ttctttcatt ctc 733

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<210> 2822

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 2822

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cgcattttta atncagctct tgttctttnt gcaggatccc atcgattcga attcggcacg 60
aggttgtagg cctccttcat ctgttcattg gctgtggcat taggccagct actctttgca 120
cttctgtnaa gtgagacggc cgatcttgct tgccctctcta gaggatggct gcagggtgca 180
aatggggtag ttaggtggga nggcatttca caaagttaaa aaatatgact ttggaggctt 240
gttatattga tgaggattat aatccctgag aattcctggc atgaaaaagg gaaaagaaga 300
taatttgtga aagaaataag tgtccagtta ctagtctttg aaaaggggtca gtctgtagct 360
cttcttaatg agaataggca gctttcagtt gctcagggtc agatttcctt agtgggtgat 420
ctaatacacag gaaanattgt ggttccctcc agtctctttc tgggggaatn gagccactt 480
ctcatttcat ttaattagat gaaatagaac tcaaagtaca atttactgtt gtttnacaat 540
gccacaaaga catggttggg agctatnctt tgatntgtgt aaaatgctgc tttgtgtgct 600
cataatggtt ccaaaaattg ggtgctngct aaagagaaga tactgttaca gaagccaccn 660
ngaagacctc tgttcattca cccccccg ggtatcagga attggcttcn agnggtgtgc 720

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caaatccngt ttgcctatn

739

<210> 2823
 <211> 730
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 2823
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 atgtcctgct atacaccatc cactgccctg ccccttaagc ctcacatctt tcctctctcc 120
 tagttccaac ccattggtctc cagacgatga ctctgcctcc ctggtctggt agcattcaca 180
 gattgccttg tttagtagcc tttcacatga gatccacttg acagcccttg tcctcacccc 240
 tcctcaaact cctcaccaca ctgaaactct tccagctcca tgagtagggt cttgggtggg 300
 ttcttcacct gcaggttcag gtcaatgctc agccggggac tcgacagggg tgctttgcag 360
 gtctctggag tgctctttgt gcagtccctc ctctgtggta ctctgccctt gaactctcac 420
 tgccttggcc tccccaaagt ctaaaactttg tctcctcaac tcagaaagtc ctctgggctc 480
 tgtctgggct ccccttccct gtatgtggaa ttaaactctc ctgcangcag gaagttgggg 540
 caatcctagg gctcactttg ttatcttccc atctctcagg gatcactgtc ctgatgtcta 600
 ttgnctgga aaccgntgtt tcattttttt tctngnnntg gtttaaacad tattttttca 660
 ngtgggangg taaatcagct ttgntactnc atcttggtg gaaattcata accnaaggtt 720
 aactgtttta 730

<210> 2824
 <211> 739
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 2824
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 gaggagagca gattagngcc attggaagg gcatatgtgt gttgctgggt atttccctgg 180
 aggatacgca gaaggaactg gaacacatgg tccgaaagat tctaaacctg cgtgtatttg 240
 angatgagag tgggaagcac tggtcgaaga gtgtgatgga caaacagtac gagattctgn 300
 gtgtcagcca gtttaccctc cagtgtgtcc tgaagggaaa caagcctgat ttccacctag 360
 caatgcccac ggagcangca gagggcttct acaacagctt cctggagcag ctgcgtaaaa 420
 catacaggcc ggagcttatt aaagatggca agtttggggc ctacatgcat gtgcacattc 480
 agaatgatgg gcctgtgacc atagagctgg aatcgccagc tcccggcact gctacctctg 540
 acccaaagca gctgtcaaag ctcgaaaaac agcagcagag gaaagaaaag accagagcta 600
 agggaccttc tgaatcaagc aagggaagaa aacacttccc gaaaaggaag accgcaatgc 660
 cagcaacggg gctnaaggcg acgttgtnct tttgaacggg aaccgtaact naangangaa 720
 naattantnt gttattaat 739

<210> 2825
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 2825

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cagtgcacca	ttgtgtgggc	gtcctcatgg	ggatccatt	cttctaggaa	gatcctgggg	180
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tgtgttttta	tatctctgat	aaatatattc	aactggaatc	attgggtgta	ttgggccatt	300
ctccattgc	caaaaagaaa	tacctggcca	ggcgagtg	ctcacacctg	caatctcagc	360
acttgggtg	ctgangcagg	tggttcacct	gaggtcanga	gttngagacc	atcctgacca	420
acatggcaaa	accccatctc	tactaaaaat	acnaaaattg	gctgggccgt	gggtgtcagg	480
tgctgtaat	cccagctact	tggaagactg	angcaggaga	ctcgcttgaa	cccaggaggt	540
ggangttgca	ntgagccgag	atagcaccat	tgcactgcan	cctgggcaac	aagagccaaa	600
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<210> 2826
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 2826

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acatgtttgc	cagcaccgtc	tcctccaaaa	tcttgcgggc	cattgcctta	aaggaaggtt	120
ttcattttga	ggaaacatta	actggcttta	agtggatggg	aaacagagcc	aaacagctaa	180
tagaccaggg	gaaaactgtt	ttatttgcac	ttgaagaagc	tattggatac	atgtgctgcc	240
cttttgttct	ggacaaagat	ggagtcagtg	ccgctgtcat	aagtgcagag	ttggctagct	300
tcctagcaac	caagaatttg	tctttgtctc	agcaactaaa	ggccatttat	gtggagtatg	360
gctaccatat	tactaaagct	tcctatttta	tctgccatga	tcaagaaacc	attaagaaat	420
tatttgaaaa	cctcagaaac	tacgatggaa	aaaataatta	tccaaaagct	tgtggcaaat	480
ttgaaatttc	tgccattagg	gaccttacia	ctggctatga	tgatagccaa	cctgataaaa	540
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gcgtngncac	catgctgacc	antgggacag	agcccaaaat	caagtactat	gcagagctct	660
gtgccccacc	tggggaacag	tgatcctgac	agctgaagaa	ggactggatg	actggcantg	720
cttttgna						728

<210> 2827
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(729)
 <223> n = A,T,C or G

<400> 2827

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gtgttgcttc	atTTTTggct	ctccgttgct	cccacacact	tcccgtctca	ccataggggt	180
tagggatatt	tgtgtgtgt	tcaaatagaa	catgaaagaa	gcctttttaa	agtatttctg	240
tgcctattca	cagtccecta	aattttatta	cagtttttac	gttgggttaa	agagtatttt	300
ggtttgattt	atatggaaaa	cttctttttt	aacattatag	taacatagat	ttttaaaaaa	360
tgaaattcta	ggaaacaaat	attatagact	agtttagatg	caaggagaac	aggagtttta	420
gaactaactt	ttaatctcca	taggtactag	ttgtctggac	tagctgagtc	atttcacctc	480
agtaataact	ggtagtgtct	tgaatagcag	atcttgcatt	cacagaacac	agcccagtac	540
ctgcatgtga	caggcacttt	atTTTctggt	aaagtttaagt	acagttgacc	cttgaacaat	600
gtgggggtta	ggggaaccaa	ccttccacac	agtaaaaaat	ctgggggtgaa	cttttgactt	660
cccaaaactta	acttctaaca	gcctactggg	tactggaagc	cttgctgatn	acngaaacag	720
tcaattatc						729

<210> 2828

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 2828

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tcacctcatt	ggtaaagggc	tagagccttt	cttttttatg	gcacttcttt	ttttgagata	180
gggtcttact	ctgtcaccct	ggctagagta	cactgggtaca	atcacggctc	aatgtaggct	240
taacctcctg	ggctcagggt	tatgtcacta	tgcccggcta	ctttttgtat	tttttggtag	300
agacggcttc	gccacgttgc	ccaggctgca	agcgatatgc	ctaggctcaa	gcgatctgcc	360
cacctcaact	tccggaagtg	ctgagattac	aggtgtgagc	cactgcaccc	agcctttgct	420
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tagatcagga	atgggtgatt	ggagattatt	agattctagg	ttaacttcta	ccactttacc	540
ctaatacata	aaactttttc	ctaaatnaat	gatggaagga	atnaannnna	ncnncnct	600
nncnctant	acaaaancnc	tagcccttan	aacntttngn	nagctnnntt	nnctnnntn	660
tcccntnntc	nnnccccnnc	ctnnttntnc	cnnnctnnct	cnanccccac	nanttncnnt	720
ntnnnctncn	naatanattn	cncnctnnnc	tcctcannnn	ctnntcnnnn	ctcnn	775

<210> 2829

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 2829

tcttttatnn	gangttngga	agcncaggag	netcnntcgt	tccgacaaat	cacttaagga	60
gaaagtagaa	aaaaagctgt	atTTTTcaaa	gaggatttct	aatcggcaag	acaatgacca	120
accattacga	ccaaccatta	tgagaatata	gcttagggac	gtttgtgctc	agctcctctt	180
ttacccaatg	tcaatgcctg	cctcagtgtg	ttttcttctg	gaggagagtt	ttgtggatgc	240
catctttccg	ttacggaaaa	ccantggagg	aatgggcagt	ttnttgccat	gaccacccat	300
catttaaaca	antgnggttt	gagttcagaa	ataagctcat	atatacttga	attccatggg	360

ttaaataagc	cattgagtta	aagtgggtang	aaattaaaggg	tagaaaaatag	aagaataggg	420
tgggcttggg	ggcttatgcc	tctaattcca	gcactttggg	aggccaaggt	ggaggatgac	480
ttgaggccag	gagttcaaga	ccancttggn	caatatgggtg	aaaatncatc	tttactgaaa	540
ataccaaaaa	nattagatgg	gcatngtggc	ctgtgcctgt	aatcccagct	actacagaag	600
cttgatgccc	cagtattctt	tgaaccttgg	angttgaagt	tgcantgaac	ccaagatgcc	660
cactgnactg	ganctgggca	atgaagtngn	accctgnctc	aaaagaaaaa	aatnttaaac	720
aactn						725

<210> 2830

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 2830

ctntnngggc	cntagnnngg	gctttcnata	nggcgggctg	gtngttctnt	ccgnacgatc	60
ccnncngtgt	cgcagngttt	tgagcagagc	aagtgcact	atcagtactt	aagcattaata	120
agaattgtcc	aatgaatggc	tgtgctgaaa	atataatnga	ggtaaagtaa	gctagaggca	180
ggggatttga	aatcaggcta	agagatgttt	gtggtttgaa	ttaagtggta	gcaggagggtg	240
ttaagaatta	gtcacattgt	gtatgtattt	tgaagggtaca	accaacagga	tttccaggca	300
agatagagt	tgatgtgaaa	aagaaagaaa	ggagtcagta	gtgactcang	agtttgtctg	360
agcatccgaa	gtgtggaatt	tcatacacatc	ctganagggtg	aaagaggctg	tangaggagc	420
aatatgtggg	aaagatcaga	agttcagttt	nggacatgcc	aaatattact	tggccaaatg	480
gttnggggtg	atgatnnggc	gatcntgagt	catccctnat	aaaatcggca	tgcanaatngc	540
ntttaaaaaa	ctccagactg	gntganatcc	caagttgttc	gattgnaann	acngngnnct	600
cntttgnnan	tgtctcncnc	tttaaaagcca	cttttgggga	aaccnacca	agggacantg	660
naccatnncn	nnattccctt	gggnnaaccc	ccncnaaagt	aaattanacg	cnaggccntc	720
nntccanccn	ntcaaaatnc	tttnntctna	cntccancac	nctttttant	caaaaatttn	780
nctctccent	atannccnnn	ctnggcnnct	tttcnccanc	tttngggnan	ctntnccncc	840
t						841

<210> 2831

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(803)

<223> n = A,T,C or G

<400> 2831

cnnncnntcn	natgggnnnn	tgtanggnct	cctccaatct	cctggctgcn	cctgantcgc	60
ctaaacanaa	aggctggggc	gaattcggca	cgagattaaa	gttgaagcct	ntctaatttt	120
tgaaggttga	gcactttggg	tattcatggg	tttatatgac	gatcatcttt	tatccatcgc	180
tgagttatc	tattttgact	tgaattggag	gcagagctcc	accaccccag	tgtgtcgtct	240
gatttcccag	actanagtcc	agcctttcct	gtgcttgctc	ggcttccttc	catgtngctt	300
cctacccac	catctatacc	cttcacatcc	aaaatccaaa	acctcacact	catacgagaa	360
tcctgntag	ggtcggnta	tatttacaca	ctaaaaatct	ctaattttga	atttgttgtg	420
cctataaagg	aataccanga	ataccttaaa	gttataattg	attnattagc	atctatttta	480
ngtcatnctt	gggggantga	tggaaagaat	ccacatagac	tccaganaga	tggncnangn	540
gtttacctgc	ccagccttga	aacatttctt	ctttcctcac	annggatggg	ctctcccata	600

antaanttca	tngggccccc	naagctntaa	agnaaaaant	aaagtgtctt	tctcattttt	660
aaaaaanngc	aaccttttgc	tggtcaaaat	atgtccaatn	cgaanccccc	naaaatgttt	720
aaaaangcnn	tctntgggct	cnaaatggng	gttcaanggt	ncnnccctgac	ctgncnnttc	780
tgcnncnaann	catnttccnt	cct				803

<210> 2832

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2832

tnngnggggtt	tgnggggctt	tcnaaatggn	gtcancgctg	gctntcngca	agatcccatc	60
gattcgaatt	cggcacgaga	gaaagcctta	cgtgtgtgct	gagtgtggga	aggccttttag	120
caacagggtcc	aatttgaata	aacatcagac	aacacacact	ggagacaaac	cctacaagtg	180
tggcatctgt	gggaaaggct	tcgttcagaa	atcagtgttc	agtgttcac	agagcagcca	240
cgcttgagag	aaacagtgtg	agaaaacccc	cctgaggggt	gggtctgatt	gtacactgtt	300
gcacgcatgc	agcagaaaaa	tatgtatatt	attgtaaata	gaaatgacca	catcagaatg	360
tcacacatgg	ctgtttctgga	gagggcctct	gagaaggcac	tgaatgaggc	gagggaccct	420
tcctacattg	tcaccatccc	cagtaaacct	tgggtcatta	ttcatactga	caaggaaccg	480
agtcaatttg	gtgaatagga	aaagccttct	catgaaaact	acaatagaat	actgttacca	540
aattcttcat	angaaagatc	atattatggg	aatgataatc	ctgttactgt	ggattaggta	600
tagtgccaac	agtttgaatg	gtaagacaac	ataatatata	tgatagtgat	gaaaaanaaa	660
aaaaaaaaac	tcgagcctnt	agaactatag	tgagtcgtat	tcctanatcc	agacttgata	720
ggatccattg	ttnanttngg	caaaccncca	cttga			755

<210> 2833

<211> 883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(883)

<223> n = A,T,C or G

<400> 2833

nngtggnnttt	ngtgggcttt	cnaattccnn	taatcgctng	ctntccgcaa	catcccatcg	60
attcgagcaa	gtcagcaa	gtgggagatg	gaaaactggc	ttcctncacc	cacctagggt	120
ctttggctgg	gtacaaaatt	aaatggacat	aaaatagatt	aacaggagaa	aaaacacagn	180
aattatgtgt	atatgcctgg	gagtcacaca	aaatatgaga	ctcaaaaagaa	gggtccgaag	240
aggggaagctt	atatagcccc	ctgagccaca	gaaaggaata	gggacctggg	gcttctgggtg	300
ggtgggtggag	acaagttatg	gaagagttag	gggaggaagt	gtaggggtgag	taaatgtgggt	360
cttgttatgc	ccataaaaatc	tcttgggtaca	tcacagntgc	ctggagcanc	cncagtcctg	420
atagagatac	tttactaatg	tagattttct	tgatggatat	cattgtgttt	tacaaanggg	480
cagcttttna	nagccactcc	tgtgtctgca	attttctcag	nataacccag	cccccaaata	540
ttgacaaggt	nttagtttgg	ggtgngnaat	atncctggcc	ttccctacca	ngttngcnat	600
ttttnggggg	gttgggtaat	ttgctncccc	gaagnccccc	caaaccaccc	angnaaanaa	660
aggggaaggg	ggccaanntn	nnggggaaaa	tttttaaagg	naaatttttt	ccagggnattn	720
aaaaggccat	ttcctcnaat	tttttgggna	aanggggaanc	caagctnngc	angggnaang	780
gccttgggaa	cccaannant	nagnaaaaaag	gtnnaaacct	ggcattttng	ggaaaaanaa	840
gncaagtttt	tggaaaaaaa	cccnnttgta	ncaanngttt	tnt		883

<210> 2834
 <211> 1090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1090)
 <223> n = A,T,C or G

```

<400> 2834
tggttnttng gggggnnnttt ngntcgancg ctntnngcct ngtcengnecg cngganccca      60
tcgattcgga aatatacttc cttaaagtat ggcatttcct aaatccatct aggaatgttg      120
gatgtatcta tctatctatn tatctatcta tctactgnat taagcccent ctcaaaatng      180
tagggtcaga agtatggacn gataattcat aatcaagttc ttnttcttta tgcccagaag      240
tctgnatnct gencagactt gentaccctt agctgcgcta aagntcanaa gntttgagcn      300
gccactgaag tattgactgt ggagaggcgg tgtatnccctg ttnccaatga ngngcctttc      360
tgtccaggat nageccttat ggnanttncn cnaggaagtt gcatngcntt cagtccattt      420
nnggcttana gccncnecggc nncncacgtg ttccttattt gttttgacgg agnggtcntc      480
nngctcnatn tctttacnct gattctgctn tttcatcnan gtgnnccttc ctcannntta      540
ttnagtccaa aggnngaata cnggggttann ctatnnnggc nannatcttn ntnttctngn      600
aatccncttg ggntcetaata ccnttgtctt caccnancct ttttaacccc tcttactctc      660
tccnttaana atanacctcn ttntatctcc ncttnnnacn ttataanttt ngnattgggn      720
cnanngggga attttncana ctagtcctan tgatnntctc tccgtcctta ntctntnttt      780
atncacannt acncgtnagn tnnaananca accntctcng ggnngngccc cttctttnan      840
aganaaccct ntatntnagt tnggaangng nccccgctat ntttatcccg gttangnnaa      900
ttccccang gcacctcttg ggaatttaan gggatncccc caatttnngn gatctggaaa      960
gtnttttngg ggggcaccct aanacncna cacnaannct tntgggaaaa ttggcccann      1020
tgnnaaaaaa aaaaaaanan gggccctcnt naaattttng gnnnggaaaa nttttngggn      1080
gtanctccnt
  
```

<210> 2835
 <211> 807
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

```

<400> 2835
tggttnntn nanttcgctn actnaanac gntccantnn ctctgtntac gcnaagcaan      60
cnggcnggnc taattcgga cgcagatttc agcctgggca acatagttag actcntgttn      120
ntaaaaaaaa aaatcccac aatcctatca cacagagatg gcaacactta gcatttgttc      180
tggtcacctt tggaagggaac ttttanatca atgtcttgct tctctgtggg ttcttttgtg      240
actcacacct gcttctgggt atagtatgac tataaagttg atttcttggg taaggcatga      300
tctatgagag gaagctnnta attngatgan catcanggta atnntagctg ggataccttt      360
tctttgccct ctccaatcaa acntgagaag ttgaaaatnn aaaattatgc ttttgaaggc      420
nttgntgtna acctaaaata taactcaagt gatctgtagt tntccatag tgcaactgtca      480
acagctatnt gcttttcaaa tccaaactan tttcatnaaa gaaaaccant ttggagtgtg      540
ttcagcttat aattnngaag ctagacatga aagnnttnaa aagccnttnt agcctagacn      600
acntggcccn catntttng tnanntcntg cnttntggga acttgnnchna tgctaacccc      660
antaccnccc atcntgcnn ctcctnttaa antgccnttt gaaagngggc aaaacngnan      720
tagnaccnnn tancctntca aaaggttggn nngttncttg caaatgggaa gcccnngcct      780
ttaanggggn cggncctttt ctttnce
  
```

<210> 2836
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 2836

gnnnnnnnnan	gggggggtttc	antctnnctg	cagccgtttt	cgttcttttn	gcagatccca	60
tcgattcgaa	ttcggcacga	gaccaaagct	gctggagcct	gaggcagaga	accagaggcc	120
ggaggcagac	tgctctttta	cagccaggaa	tctcagagga	tttgaaaaag	gtgaaggaca	180
ggatgggcat	tgacagtagt	gataaagtgg	acttcttcat	cctcctggac	aacgtggctg	240
ccgagcaggc	acacaacctc	ccaagctgcc	ccatgctgaa	gagatttgca	cggatgatcg	300
aacagagagc	tgtggacaca	tccttgtaca	tactgnccaa	ggaagacagg	gaaagtcttc	360
agatggcant	aggcccatte	ctccacatcc	tanagagcaa	cctgctgaaa	gccatggact	420
ctgccactgn	ccccgacaag	atcagaaaagc	tgtatctcta	tgcggtcat	gatgtgacct	480
tcataccgct	cttaatgacc	ctggggattt	ttgaccacaa	atggccaccg	tttgtgttg	540
acctgaccat	ggaactttac	cagcacctgg	aatctangga	gtggtttgtg	caactctatt	600
accacnggaa	ggagcangtg	cccagagggt	gccctgatgg	gctcttgccn	ctggacatgt	660
tcttgaatgc	catgtcagtt	tataccttaa	gcccagaaaa	ataccctgca	ctctgctttc	720
aaactcaggt	ganngaaatt	ggaaaaatnaa	na			752

<210> 2837
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 2837

cnaatcgntg	cgaattcggc	acgagcctga	acctgcccac	ggagacagtt	gtnttgaggg	60
ttgccacaca	cagttagggc	ggagcagggc	ggctgagggc	acaggtgcct	gggtctgtcc	120
cacggggcan	ggctttgggg	ctgtgatgct	ctgggaagcc	agcttgggtc	ctgggtctac	180
agagggccct	ggccccggag	cccagccagc	tctgcctctc	tcagggcctg	gagtcctggg	240
ggagctcagc	cagctctgcc	tttctcaggg	cctggagtc	tggatgaatc	ctgcaggttt	300
ttgggttgca	ccggcccagg	gaggaagccn	ngggtttgtc	angtgggctc	tcctggaggt	360
cctcnagtgg	canggggtgac	gaggggatta	tntgangcat	ctgganatgt	atatacctgtg	420
gnntnccttg	ccccctctgnt	tccgatgaag	tgtaccgatg	aatgaccttg	actaaaannt	480
nagtttgcca	cananaaaaa	angggaggnt	tantgggnnt	cnaaaatcaa	gnaatggtn	540
caacctnggc	cttcgcagaa	tggaaantac	naaanacggg	gnaagatcct	catgnccatt	600
tcccatggnn	ttggncacgn	ttttggaggn	attctnnggn	cccggcaaag	gccccatttn	660
aaanttnatc	tagncnggna	ccnggnctat	tncngnctaa	gggnnttgcn	cttntccttn	720
aacncatnga	atcccttaaa	tnant				745

<210> 2838
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (719)
 <223> n = A,T,C or G

<400> 2838

gtngnggnag	ngatcgtgan	ccctctncct	ttngnccagg	canceccatcg	attcgcaaag	60
atctaagtag	tcacaggatg	ggggangttt	ttgggaaagg	tcnggattag	cagagttgcg	120
gcagaaagaa	gtagagggga	atatcttana	aggcacttgg	acagaatggg	ggtgatataa	180
aagatgtatg	ctgacattnt	ggttttggcn	cctagaaaat	ntagcanaaa	gngagaatnn	240
gtgccataca	tcengntctg	caccctaata	tggaantttg	ncnttccaca	cnagnnttcc	300
tncacaaatta	acctntaagg	catttnatgc	cnntgcctcc	acancnngga	anagtacgac	360
aaacntccta	nangactaga	naaaaatngcc	cnnttcagan	acattancag	tacgtgtggn	420
tagaactaaa	atggctcnca	ggctcatact	ggnagtgan	aggnatgcag	anaaaaaanga	480
aaacccccan	gtgtcantga	ctgtgaacag	gcctantnca	ganganctta	ttgngcaatn	540
gcccttaaga	nattgcccc	anganncacc	tgannacccc	cgggaattgc	cggaaaagaa	600
tacngatgag	gagctnacgc	ttatgngaag	atgnatnaac	cctatgttca	gtgtaaaccg	660
ggntacaatn	cnccaaanag	cgnanctcaa	gaacnagcct	tcccgnnagg	cnatcccaa	719

<210> 2839
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (786)
 <223> n = A,T,C or G

<400> 2839

cngaangntg	tgatgnatgt	agncgttccc	naggaancca	ngcgattcgg	nttggcgaat	60
tcggcacgag	cccagggtgc	tatccacttg	ctagnatttn	ntcatgagag	ttagatacca	120
gttttctgct	ggaaatacag	aacatttcct	gaaaccgtgt	ggttgaggtg	aaacaggcat	180
tttgcagtct	tatatattga	gtaaggccaa	acctgcctag	tgttataaaa	ctagacaaaa	240
aaccaggtta	cccgggtctg	caggatagaa	atgtgtgact	aaaatgaagc	atcgatctga	300
gaagactaca	aattagcggg	aacctttgga	caggagcatg	ctatacatta	cttagattaa	360
tgttgatatt	taaggagcca	ngatnttgat	nngtntttga	ggggtgcccc	tntacttcat	420
ataagaggct	ataaactgna	cttctttcag	ttantgctta	atccnagctc	aaacaagaaa	480
taattgctta	ttccaaagta	gacattggna	catctttttc	taggnacgta	atctgngatg	540
aagtctgata	aagctcctta	agaaattctt	atagtacacc	ctcacaagan	tgtattcatc	600
taccggtggt	ttaaaccnga	aaattaaaaa	ttntaaccct	cgnnngagaa	aattttaccaa	660
agtntttaat	gggttttcagg	ncccttaatt	aaaaaaactt	tttaaccctt	ggccttggaa	720
ccctttaaac	cttaattnat	nggatctnaa	aaacaaatgg	gntttnttgn	nngaaaagtc	780
nnanct						786

<210> 2840
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (739)
 <223> n = A,T,C or G

<400> 2840

tttttgntg	tgtggctgcc	ctencctann	ntgcaggatc	ccatcgatcc	gctggaaggt	60
-----------	------------	------------	------------	------------	------------	----

tactgcaaag	acagcctggt	gaaattgttn	tnagtacaga	ggctttaatg	ggttctttga	120
ggtcaggtag	aggttatggg	gggagcacta	cagtgagcat	atacccaaaa	tgaagccaga	180
cttccaaggt	acgtttctcac	tggagaggga	gcttaatggt	aaagtttaaa	ctttaagggt	240
ttaggtttta	gattaaggcc	caggagatcc	aaggggaang	aggagggtag	gaaatcanan	300
ataagaggag	ctgttgtcat	cgcagggtata	gtнатаatta	anatagtta	aactttcata	360
ggattttgca	tttatttcat	cagntttttt	ttctagattc	ttaaatctgc	atatatctaa	420
atcttataaa	tttggggaaa	tgtacacatt	tacatggtac	atttcaactca	attttanagn	480
ntggctnttc	ttgtgaaata	gaattaaata	tatgtgagta	aatcaagacc	cctaaccatc	540
attaatgtat	tatttggtta	tttctggcca	aggcccttct	tgattctttt	aaagtgtgct	600
aagcccatct	tcttcattac	atccctctta	ttttttgtgg	ccaaattnac	taaaatntan	660
gtatcttttg	gtggantttc	anatttttga	aacctacctt	gttttgaaaa	tncatctttt	720
aaaaacctnt	tttccaaaa					739

<210> 2841

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 2841

agnttttnaa	tcctttggcc	antcgcncctt	tntgcangat	cccatcgatt	cgaattcggc	60
acgagaaaaa	gtnaagcttt	tcatgagcac	anntnccttg	cattgttnga	tgttactgat	120
attcgtaaaa	tgaatatttt	ctgttttggt	ctgttnnatt	tttttgagac	aagtcttgct	180
ttgttgccca	ggctggagtg	caatggcatg	atcttggtct	actgnaacct	ctgccttgcg	240
agttcaagtg	attcttctgc	ctnagncctc	tgagtagctg	ggattacagg	cgctcaccac	300
cacaccagc	taatttctgt	cttttnagtn	gacacagggt	tttaccatgn	tggccaggct	360
ggctctcaa	ac tncgtgac	ctg aaactnct	ca caccngtn	at ctcagcac	ctt tgggag	420
angtggaag	gatcacttga	agccatgagt	ttgagaccag	cctgngcnac	acagcngaga	480
cccngtgnt	gtacaaaagc	ttncnacatt	tanctggctg	aggagtnnct	caccntaac	540
ttccancnan	tcnnttaagc	nnanncatnt	tgaacacntg	agcccannta	nggtcgatgc	600
tnntagtnaa	ccgtgactgg	accacttaca	gtccaagccc	gggtngcctt	ataaaaagan	660
cggaaaacat	ttcnttaatt	cgggttnnag	cnttanctat	ttcggaatnc	cttgngtttt	720
naaaaacttg	aatctccaan	aaacagggtt	ttttcttttg	gnccann		767

<210> 2842

<211> 873

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (873)

<223> n = A,T,C or G

<400> 2842

cgtacgggaa	tgancgggaa	atccctcnct	gcaagcagcc	cangcgacgc	gaattcggca	60
cgagacctaa	tttttgagaa	cagcaagccc	tntttgacca	ctctcttcag	cctgtgtggt	120
ccggctgttt	tgaagtaatc	aaatgctgtg	catgggtattt	tacctgagct	gcaacctgnt	180
atggacntga	acntcnggat	aagntgaaag	caagagtccc	tgagtataaa	ggaaaaacag	240
canaacaaaa	agcaaacnag	ggncaacccg	gaaagnctaa	aaagncccan	tggtgangcc	300
cnntaaaana	anctagcttn	cagctgtcag	gagctaatac	tctctgnagg	aattgganat	360
gggatnaggg	cgaacaanan	agggtgtaaa	cngtggagct	ggcatgagta	ctgcangcaa	420

cctgaagaga	cttttaacnt	antnaccaca	gctattnatn	atgcggtng	caacaaacca	480
gcaacnaten	acaagcgtca	taaagaagtt	cagactntga	acaattggng	aaaggtngat	540
tncagaaccc	gnctgcaaaa	aagccatcan	ncaccataan	taaaaaagaa	ccncangaac	600
anggggaaac	ccngtgggaa	naaaggaagt	anaanntngc	cacctcangt	tnaaccatta	660
aaaaccctng	gaaaanntgg	ccannaggga	aaccctttaa	aangcaaaag	nncttnggc	720
aaaaaaancc	ccggggaatt	taancccaan	gggncccaaa	ggntnanntg	gggccnnaan	780
nggggnaaaa	aaangggggc	nnggaaaccc	ccaggnnnaa	ntncnaaagg	ggaaaaagna	840
aaaannangg	ggggncnnnn	naaaaaaaaa	ann			873

<210> 2843

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 2843

tgggttttng	gnttngggct	ttcttnanat	gntgtaancg	ctgctngccn	cancannntg	60
gctggncgaa	ttcggcacga	gaaatggggg	gtgttcttca	tagtggattt	cttttttttaa	120
acataccatc	tttgtgtata	tacatttctc	tggaaatgtt	tgtgaaaagg	taaagataac	180
ttccttagtg	taattgtgtt	gaagtgggaat	gtttcttagt	tttgtgaaga	tatcaattgc	240
tggctgatat	tttaagctgg	atgaaaaatg	tgggtgaagt	aatcttaaag	ggtgatagat	300
ttgatatgag	aaattttaaag	taatgtgctc	agtgcgtagt	ggtgataaaa	gaatgtagcc	360
tacttgtttt	ccatagacta	tatttcatca	ttgttgcata	aagtcctttt	tggccaattt	420
agtgaatgct	gctgggtctt	caggaaagaa	aatcgtttgt	ctttaaccag	agaaataatt	480
gtggggatag	aaagtagtct	ttttcttgat	gataaaaatt	cattttanct	ttttaaatata	540
cagtggtaat	agctttagtg	aatagnngta	atataccttg	tttttggtta	atgatttttta	600
ntgtgctccc	ncttaatat	ntnncgaatt	attttnanng	tgaccaaacc	cntntatnnn	660
acntngcett	naacaaatcc	ncncttnant	nctctncnc	nnaaanncn	nnanctccc	720
ncctncncnc	ccnntncnc	tnacncaccc	ccnncncnc	tctcncctcn	ccccccc	777

<210> 2844

<211> 892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(892)

<223> n = A,T,C or G

<400> 2844

tntagggcct	tnnnnnannng	ggtntttctt	ntccantann	ccgtgtgggc	tcgtttcttct	60
tcnnannanc	nanncttgct	gctgggctca	ggcaatncac	ctgccttggc	ctccaaagtg	120
ccgggattgc	aggcataagc	cactgtaccc	ggccccaact	aatttttgta	ttttttgtag	180
agatgggggt	tcaccatgtc	ggtcaggctt	gtcttgaact	cctgagctga	agcaatccac	240
ccgccttacc	ctcccaaagg	tgtcagatt	acaggcttga	ggcactgtgc	ctggccatgg	300
gtgccatnta	tctaaagagt	gatgaacttg	gtgttaaacc	agtaattgaa	atcaccaaaa	360
ttcctaccat	catgagctca	gtctanntgg	angagacaga	tgaaccaatt	angcanntct	420
gntgaatttt	ggggttcanc	agtgcccana	ggtgggggtg	agtgaagagg	aatgccanaa	480
ttttggagag	gtggagcaca	cgacccacgg	gtactttctg	aggatgtaac	ncanaagtcg	540
tgatcagaaa	gganganagg	ganacanntg	gggaaantnn	ctgggaaana	ncngtcnatt	600
ccaggcagtc	agcttgctnn	ancncttgg	gccttncctt	nanaacnccc	tttgcccttg	660

gaatnccttg	aaccenaagt	tttcaacttn	aaaagaaatt	cctttggggn	anngaaann	720
ntatatcacn	ctnntatnac	aaaaaaacnt	tccnaaancc	ncttttttan	aaaacctttt	780
ttccctngnn	aggteccena	atttttaacc	ntangnaatt	ccccntaacc	tttgntattt	840
aagnattncc	catttnggna	tcaanntttc	tgnggaacn	aantcccccc	ct	892

<210> 2845

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 2845

gnnnnnnnnn	ntgncnnnnn	nggggggntt	tnntttttcc	aaanggcgtg	gaactcgttc	60
tntccgcaac	agcccngegn	ntcgtttctt	ctcaactctc	tgattgctta	tataagtgc	120
gtcttctgaa	ggaaagttca	gcattttttc	tcagatatga	taataatata	tgctaagatc	180
ttggccaggc	acggtggctc	acacctgtaa	tcccagcact	ttgggaagcc	aaggtgggag	240
gatcacttga	ggtcaagagt	ttgctgcctt	caaatacaatc	attacttctt	agcacctctt	300
gaaatagaaa	ataaaaaatt	tgccaggcg	gtggccaggc	gcagtggctc	atgctgttaa	360
tctcagcact	ttgggaggct	gaggtgggaa	gatctcttga	gccaggagt	ttgagaccag	420
actgggcaac	acaggagac	ctcatctcta	caaaaaagaa	aaaaaaaaat	taattagcca	480
ggtgtggccc	catttgtaca	aaaaaaaaatt	ttttttaatt	agctgggcat	ggtcatgtac	540
acatgtggtc	ccagctacta	gggaggctaa	ggtgggagga	acgcttganc	ctgggatgtc	600
aaggctgcgg	tgaggtgtga	ttgcaccact	gcactccagc	ccagcaacag	agaaagaccc	660
tgtctcaaaa	aggaaaaann	annnaaaaaa	actcgagcct	ctagaacttt	agtgagtcgn	720
attacgtana	tccagacatg	atangatcat	tgatgagttt	tggacanc		768

<210> 2846

<211> 905

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(905)

<223> n = A,T,C or G

<400> 2846

ttggggtnnt	taggtgtggg	ntttnccttt	ttcnaatngc	cngggntctc	gttctttctc	60
gnagnagenn	ngcgnntcgc	tcaccaagga	acacaaataa	acagttgatg	aatccatcac	120
atcagtgatg	aatccagaat	gtgtccatca	ttttcgtaag	tcttagtatg	cagagaatct	180
cagatagcaa	agcagaaagg	atgatgtcac	agacgccttg	ggtacccagc	acctggatgc	240
agctgtttgt	acacacatac	tttctgatat	tatgttgaca	gtgacttaca	ccacttcaac	300
ctcaggcagg	attctatcag	tttctttact	acagattgat	ttgtttcttt	aataatnatt	360
gtaattactg	tcagtaaaaa	tctgagtctg	actcagcaat	tagttgctgg	taactgagtg	420
tgtttgaatg	ctgggggaaag	gatataaaac	tngtattttg	aacagaaagg	cncacatgtg	480
ggtgagcagt	gtttaccacc	acagaatttc	cgtcttcaca	naatnganat	anctgcacat	540
gaangtatag	tnagcantgn	angtttnntt	nnanaaaagta	aaagttaaat	tacctntnat	600
aagcctnctg	gatttnncng	nnnttnngtc	tgnttttctt	cctntgccnc	cttcaaattn	660
naantttana	nggtntnctt	nttctnctca	atatctctcc	ccnacanntn	tngttnntgc	720
nctgannccn	natctctctc	ntcnnnccng	atgggtgatg	nnennnggna	ttntctcnac	780
ccatttnntat	cttatctntc	nnatcnttnn	atnntctntt	ncctcatngg	naacnnttac	840
acnttnnang	ntntnngggc	catnntctnt	gttcatntgt	gggntctna	gnatcttttt	900

ctaan

905

<210> 2847
 <211> 774
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 2847
 tggntttttna gngtgggnt tctttttttac taatggctgg gctacttggt cttttngcag 60
 gcatcccatc gnttcgatct gaaccacatg aagttgagta aaaaaagcaa tttgcagaag 120
 gatacataca aaatgacacc atttatatag tagactgaaa gcatgcagaa caatccattg 180
 ttgttttacgt gtgtaacagt cataggaatg acaaccactg ccttcagaat tatggcgacc 240
 tctgcgatgg aagagaatgg gatcagagaa ggatacacia taggctttaa ctgattttgt 300
 gattattgat attagaaatg tttaaaatta agatattaac atttcatgaa gctgagtggg 360
 gagcacacca gtgttatatt ctctctatat aactttgtgt atatttgaaa tgttttctca 420
 taaaaagtat ttaagcaagt ttaggaaaga atattgataa atgaaattgg tagagaacca 480
 tgaaattaca tagatgcaga tgcagaaagc agccttttga agtttatata atgttttcac 540
 ccttcataac agctaacgta tcaacttttc ttatttttga tttataataa gatagggtgn 600
 gtttataaaa tcaaaactgtg gcatacatc ttctatacaa acttgaaatt aaactgagtt 660
 ttacattttc ctcttttnana aaanannntn ttacnttnt nnnnannnt ntcnnccccc 720
 tncnntntcc nctntcnctn cnnttctnnn annanacct tncctcncet tnnn 774

<210> 2848
 <211> 806
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 2848
 ggtttttcnn naggccggtt tttcctcnng nctctnctg ccccnagnanc nccctctcgc 60
 cgaannagct nggcggtggg cgattttatt gccctatttc ctccatgtac ggagacatta 120
 cnttttntgc ccagtcagat ttttttcagt ctatctttta gtcagattta atttaatgtg 180
 tatttctagt ttattgcttc tgccatgttt tattctttat gaagatcccc gagtattgag 240
 tgtgccagtt accagattct ctcccagctc taaattacct ctccattact tgatctgcaa 300
 tattggagcc taacccttta ggccaggggt gtccaatgtc ttggcttccc tgggccacat 360
 tgaaagaatt gncttgggcc aatgtggact ctatatggta taaaggagta tgtaaactgt 420
 ggagagaagt anggctattt tctacagcag tggctctcaa atttttnaat ngggtacctt 480
 accagaaaac atttgaatan aaaacctcaa tatnagtatg tectaattat aaatcatatg 540
 tataaatata tatactatnt cggtttatat agngntttca agtctgctta tgatgtaatt 600
 atatgtnnca gaacaatttn aatatactct ttttcngnt cnccttcaan cgggtcaatcc 660
 cnttgnacng gnnaccnact tnccttcata mnnctnnct taaccagtga aagntnnang 720
 nctnnnnaaa aacctctttc ccnaanataa ncntngccct ccnttnccca ttncantcgg 780
 cnaaacnna cnnnattgnc ccnnnc 806

<210> 2849
 <211> 758
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 2849

tggtnnnnnn	ngnngnggggt	ntcntttntt	atnangggctg	gactanttgt	tctttcngca	60
gcancccatc	gattcgaatt	cggcacgaga	taacgcccgt	ggtgccccat	ccctatagga	120
gctgggtgaga	ttgcagcctg	ctgcctcccc	tccatcagcc	acagctattg	gatttcccac	180
ccagaatctt	taggtaaatg	agatcatgat	tctggaagga	ggtgggtgtaa	tgaatctcaa	240
ccccggcaac	aacctccttc	accagccgcc	agcctggaca	gacagctact	ccacgtgcaa	300
tgtttccagt	gggttttttg	gaggccagtg	gcatgaaatt	catcctcagt	actggaccaa	360
gtaccagggtg	tgggagtggc	tccagcacct	cctggacacc	aaccagctgg	atgccaatg	420
tatccctttc	caagagtctg	acatcaacgg	cgagcacctc	tgcagcatga	gtttgcagga	480
gttcacccgg	gcggnaggga	cggcggngca	gctcctctac	agcaacttgc	agcatctgaa	540
gtggaacggc	cagtgcagta	gtgacctgtt	ccagtccaca	cacaatgtca	ttgtcaagac	600
tgaanaaaact	gagccttnca	tcatgaacac	ctggaaagac	tagaactatt	tatatgacac	660
caactatggt	agcacantag	canagtnacc	nnatttgnnn	aaggagcatg	acnccctnct	720
gatttcnaaa	tcangtgatg	naagcntgng	aagtgann			758

<210> 2850

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(829)

<223> n = A,T,C or G

<400> 2850

ttttccntnt	nggcctnnat	anggggcttt	tctaateccag	atactggnet	ggtttncgca	60
cgcattccan	cnnttcgaat	tcggcacgan	caaanacaag	ccttnatgga	aaaggaaatn	120
cntccccctc	catgtatatg	gatganggga	gcagcacaag	ncacactccc	accatcctca	180
cnnaattcct	ggacccatgc	ggtggctccg	tgagctgggt	gactccagcc	tnacctgcac	240
accccaaccc	tgcnccggggc	cnttcttctc	accancatgc	cctcggtnag	ctaggaattn	300
agatccctgc	ntgtgaanna	nggaactnat	gtgcacagaa	tcncagggnn	tgccatatcc	360
ttnggcagta	tttagatnaa	gtcgccctgn	ntncagantg	accccgngnc	tctncagnga	420
gttntcaagc	cccangaaat	cggccttgga	tgctctcntt	acaagacagn	ntnacnctg	480
ggccctcgtg	catnnncttc	actgnccccc	tggtatcccn	cattaccccc	aaangacagn	540
gggnaaacac	anngnnanan	cacancnttg	nccctccag	cncnnttcac	nggcanttc	600
ttnnattcac	cccgnttccc	nccnnnacct	nntcccccca	ancnnnnaca	ancntnntcc	660
ccaactacan	gccccctttt	ccttggnggn	aaaatgctcc	nttggtancc	cagttataaa	720
aangccntnc	ngcccccttc	ancntgattc	tccgcgatnc	ncanaccctc	anncccaann	780
attnaannac	cccaatcccc	cnnanaaacc	ctcctttcca	nettnnnct		829

<210> 2851

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 2851

ntaggnncnn	nnnnagnngg	ctttctaatt	tactannngt	ggactagtng	tncncnnaan	60
ancntnncgn	tgtcgaattc	ggcacgaggg	gtgacttctt	gtgacctcca	aaggaagtct	120
cagctctgct	agaatgggac	caaagcccag	ctccaccttg	aacttgngtc	atagccttgc	180
ttcttgttcc	ctctncttan	ccgggcanat	gccttgctct	ttgataaagg	cttntctgtca	240
ccttctgagg	gctcttgtgc	tttttgcagg	tggatgccat	tacctttacc	gctgagcctn	300
ccgcaattgc	tntgttcaca	cgctgtccgc	catctgcctg	caagggccca	ngcagggtnt	360
tactcatcat	tatgtcattg	nttnaataga	agcctaatat	nttgtacata	gtagtcagga	420
agcccagaaa	attgggtatg	ttctatagat	ttaccaccat	tgcttattgc	tgtntcnctt	480
taataaagnt	taacgaaagt	naancaaacc	acantacccc	ccaaagacag	nnnngggaaa	540
cacactngng	gaaagcccca	ncatggcccn	ccttcnanc	cccttttang	gnactcttng	600
nnatcaaccc	gggntaccgg	tcnccactt	gntgcccna	cccactccag	nnntnttncc	660
aaannacaac	cnttnntntc	ccntggggga	aaaatgnntn	nttgggggtnc	cncngntncn	720
aaaaaggccn	naatgggttn	tcttaacctt	nnttnncnca	tacnantccc	cacnacnttn	780
accccaaata	antcanncna	cntcctaanc	ncannnnncn	aaagcccttt	ctncanctac	840
ttntnct						847

<210> 2852

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2852

cngttnncna	aacngtctgn	ggaaaagccc	cctttntgca	ngatcccatg	cgattcggcc	60
tcctctccca	ctgagcaggt	gccatcccag	gagatgcttt	tgggtggcgag	accttcccct	120
cctgtgcagt	ctgtgtcccc	tgctgtgccc	acacctccct	cgatgtctgc	tgccctgcct	180
ttccctgcag	gtggtatggg	aggtggcatg	ttctaactcc	tagactagtg	ctttaccttt	240
attaatgaac	tgtgacagga	agcccaaggc	agtgttcctc	accaataact	ncagagaagt	300
cagttggaga	aaatgaagaa	aaaggctggc	tgaaaatcac	tataaccatc	agttactggg	360
ttcagttgac	aaaatatata	atggattact	gntgtcantg	tncatgccta	cagatnatte	420
atttngtatt	tntgaataaa	aaacatttgt	acattcctga	tactgggtac	aagagccatg	480
taccagtgtg	ctgctttcaa	cttaaatcac	tgaggcattt	ttactactat	tctgtataaa	540
tcangatttt	agtgttgcc	accaccagat	gagaagttaa	gcagcctttc	tgtggagagt	600
gagaataatt	gtgtacaaa	caagaagaaa	gtatnccatt	tatgtgacaa	cctttntggg	660
aataaaaaat	ttggttttaa	agttaaaaaa	anaaacaata	aaaaaaaact	tcnanccttn	720
ttanaacctt	taggggaggn	ccgnaattac	cgtagnancc	caaat		765

<210> 2853

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2853

tttnnaaggg	gnntaagtgg	gtcttctttc	aannggccgg	gtctcgttct	ntccgnanca	60
------------	------------	------------	------------	------------	------------	----

annangcgnn	tgaattcgg	cacgagcgtc	tacatccagg	cctccgagtg	acggacctga	120
ggtgtctgtt	tcctgggcag	gcctgatgct	cctgtttggg	tccagggccc	ctgggggcag	180
accggtgac	cttaccagtg	gaagcgagcc	atcgagccat	tggcagaaat	cctgctgaat	240
gtcattcaga	aacctcagcc	catggtcgcc	ctcctgtgcc	cctctcctgc	cggaaagccc	300
tgcaacattc	tagggttggg	ggcagggcca	tccacggttt	ctgggcagag	ccatgggtggc	360
aggagagaga	tggctgaagc	ctgagcagcc	cagagtcccg	ctggtctagg	ctgggtggtcg	420
gggcccctgg	gagaggagac	agggcattcc	tcccactct	gtctncaggc	tgcctctggg	480
tagcctctag	tctgctgttc	ttcaggaggc	ctgccataaa	ctcttcggag	tttacgtgtt	540
gcaccttttc	acagacggtt	ccccacagca	tcctcagaca	gctctgtgat	gtagctttta	600
ggaggcactc	aggtgtcacg	gctagactgc	agctatgaga	cagatctggc	ttcaaatacca	660
anagttgcca	tgcacttgct	gtgtgacctt	gggcaagtca	cttcaactttt	tcttgagccc	720
ccgtgttctt	tcattctgtac	aatgggggct	tacgatactt	actan		765

<210> 2854

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 2854

cnnntcnnng	tgttggnntt	ttgtggggctc	tttcctttct	taatnggtct	gtgatncncg	60
tnctcaccta	acacaacnng	gctgnngcga	attcggcacg	agaggatggt	gctgctgtgg	120
gccgcaaggg	tcttggtagc	ttcctctagg	gcaggcttgt	gttcctgatt	gggggttgga	180
tgggtggggg	catccctgt	ggcctcagca	atccagccct	gcncatctgg	gtcccattac	240
acagacgtag	acattgaggt	ctanttngaa	ngacttgcen	ngagtccctgt	aatagagctt	300
ggcacttggg	tctcttgact	ctcanggact	gggtgtgagg	gaantgggct	ccttttgctc	360
cctacctgca	gtgcctttga	ggggatgagg	gtcttccatc	atagttcnga	anatgacctg	420
cacattttac	tgccttanaa	atctgctcgt	tggggccagg	tgtggtggct	cacgcctgta	480
atcccagcac	tttgggaggc	cgnngtgggc	acntcaccag	gtcangagac	ngnnaccatn	540
ccggcttacn	gggtgaaacc	ccatctctct	aaaaatacaa	caaaaattan	cctgccatgg	600
ngnngggtgc	ctgcactccc	actnctccng	aangctnang	cccgnannaa	tngcntgaac	660
ccnngaggcg	gnntctttgca	ntnaccat	aannncgccc	ccnngnactcc	anccctnnga	720
ncacanaaan	agacttcnc	ctnnnaanaa	nacancta	ccnnaacncc	anccctctna	780
ancnt						785

<210> 2855

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 2855

nncnnntn	tnatggnnnn	gnctnggngg	gnnctttctt	ttcttaaagt	ntgtggntnc	60
tcgnncttnc	tcnnannagc	ntggcggnng	cgctttggga	tcttttagatg	aatgggtatca	120
tacagatgtg	tattattgct	aattctttgt	tctcaatcac	ttgttttcaa	ggacactaaa	180
atccatgtag	cccctaaaaa	agataaataa	gggcaagtca	cttttcttcc	tccagtcaca	240
gactaaagaa	attattttcag	ataatatata	gcccttcagc	catgggagca	ggaagtgttt	300
actgctcaag	tcagggtctc	agttggtaaa	ataaacggaa	acttctggtt	tagttttngg	360

gccttctttc	aaataaaaaac	ttcatttttct	ctggggcaa	acattgattt	aattttgtat	420
tattggtaaa	atattcatca	agtcacggtc	agnctttaca	gagtaccaa	acataacttt	480
gccgattttt	tctgtttaag	ggccagctag	gttngttnaa	aaagaaaaanc	ttnnagccac	540
caaaaagcct	atggcatttc	tttctcttat	gatcttttaa	actggttcaa	gctcatcctg	600
tttgnagatn	atttaggtgt	gtccctcttt	gaaaatgggc	ccccataaca	cttttttaat	660
nggataaaa	nngagaacat	ggagtcanaa	tggagcaaaa	ntctgaatat	ttcacatggn	720
ctaaaccctt	tntttaaatc	aanggnnaan	nanaacaaag	ttgcnaaaaa	agcccaaac	780
atnattt						787

<210> 2856

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2856

tgtgntnccg	tanggggggc	ttctttccag	gtgctggnta	togtccntc	cnmanagccn	60
ggcngntccg	tctcgctttg	tgacgtagcc	tggtcttgag	cgatcccttt	gccttggcct	120
tgccaaagt	ctgggattgg	aggcatgagc	cactgcaccc	acccctgttt	tttatttaag	180
taaaccatta	taataactca	tttataaaaa	ggttacttca	agagggcttt	caacttaaga	240
attattttca	ttttgaacat	gaaaagttta	atagtaacta	agaaactgag	aactctgaca	300
gtgacctcta	ataggtaact	ttaggcaaaa	gtagacaagt	ttgtgggtat	tttgnrtgtc	360
atgttaaaa	gcacctgtac	agaatcaan	atatgaatct	agntcgtana	gggaaggtct	420
tatgcaaata	ccaaatcata	caagtggtta	cacatataat	agatcatttg	gtccantaaa	480
agtgggttca	gcttgtttat	tccctacttt	tgntatcnta	aaaacaatga	ttttttgcat	540
gtaatagaan	gctttcactt	aagatgctnt	tgagtgaatc	agtgaggggt	tcttanagtt	600
agtattcatt	aattnaacnt	anaatattan	ctaaacagtt	ttgggtcact	gcaatgcatg	660
gtctatngaa	anactanatg	tttcgnctga	aatatgcttc	aantgttgc	actatncana	720
anggcctttt	atgttntnna	atttnaaacn	tgccanttnn	attnt		765

<210> 2857

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 2857

nagntttttt	tgggggggnc	tttctttngg	tngegetggn	ctacttggtc	ttttngcagn	60
agcccatcgt	attcgaattc	ggcacgagat	tcaagatgag	atttgggtgg	ggacacagcc	120
aaaccctatc	ggttgccaac	atctacagta	acagtgttag	gtgaacagtt	gtccagcttc	180
ctgtttttgc	ggacactgtt	tctagcacct	tccaggcaga	atctcatgta	tccttcactt	240
tcgaaatggg	tactatttca	tccccacttt	tatcaatgag	aaactaaagc	tcgaagaggt	300
caagtaagtt	cctggccaag	gtcagctagc	aggctctaga	ggcctcggtc	tccttagagg	360
cagccttgcc	agggcccang	cttggcaggc	tgcanngcan	gtgcgggcat	gcccattgta	420
gaggtgggac	cattgaggct	cagagagggg	aagtgatgag	ccctggcgac	acagcggggg	480
gggtccagag	tccggcctgc	atcttctgga	gctggccagt	ggacaggcct	ttcccgttca	540
cagccccggg	gctgctgtgc	ccaccaaggc	ggatgtgcct	accgaatcnc	actcctctgn	600
gtgtgtccct	tttcaggccc	ctacatcatt	cganggaatg	gcnnccccc	acgacttccc	660

ttncnaccan tccacccnttt nnttacannc ntacttccan nccccagnnc tcttgtaaaa	720
gnccccanncn ancttcccta nccctggant ttttaccnc nttnnctcat ccacccctct	780
tttctcccc cent	794

<210> 2858
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(830)
 <223> n = A,T,C or G

<400> 2858	
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gccntgcn ngtcgaattc ggcccagca agcagaaatg tgggtggtgt gactggggtt	120
tgggtganggg ctgctgnngc tgggaatggag ggctgccaca ttaatggaaa tggnaaatga	180
ggcacgtaag gttngactgg aggcatancg cccatgttgc cngctttatt aaatcactct	240
tgcantatnc anantangg cctgatgna nnagtgactg tgtcttgac tnnncaacn	300
tacagnngga tgctnnaaga atgngcactg cananaggac tngtntata ntaaccatat	360
gtatgcntnn cgtaananna tgcnnngctg actatctcta atnngngcgg ggaacgtgat	420
cacattcncg nncnnttaca tggaggctcc tctccngan gnntctaanc tannagangn	480
ccatgagtat gaaacantgn ctnnccaccac ttnaacttac ccnanntnnc ccaatatctn	540
ttgnctagct ntngattctn tgnnnagcct tnaactggacc ctacttagac anngccttct	600
acacnctcan naacgattcn ttagtaaat nctantaacg cttcccccta cacctnnnta	660
tgnatttatc gncctctat tncctnnccn ntcnngnnn tnanagaacn ttacctcccc	720
tttnaannt cgcnnncnt tncacccnt nantnccanc atttctna tcttctcac	780
cggggcattt tntctnngg ntccgggtnn gnttntactc antgcnantn	830

<210> 2859
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 2859	
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cgantcggac tgacagnngt gccaacatgg cattctgttt ttgaaaagt acatgacact	120
attaagtatt gaaaatgttc taactagaaa aacgattttc ttaatcatag tttttattgt	180
ggggtgtgta tgtaagtttt aacgtgcaaa ttaacatata gaagtcactt tgtgagggtt	240
cattttaaag tattttctcag attttctga atctgtaata gccattgaaa tatttaagta	300
ccttggtgt tcttggcatc aataaacaga tttttcttcc cctcctcatg ccatacaaaa	360
gttgacaata gctttatcac cacaggaaga aagctgacca tcattgccct ttatttgggc	420
ccagttgcca tggttacagc ccttttagcta aattgggaat ggtaaccaa ataacatttg	480
cataacattc ccttgttctg cccacctctt tgcacatctt caaatcaagg ttttggctctg	540
atcaccatac tatgctgtag cctactttta ggaagtactt taggctaaat agatttgttn	600
catttatgct aaatgctctc ctggacacta ccatactcag catattcctg gaaatctaac	660
gcaatnatnt taccttttaa aacacccggg ctccaacngg nnnntacct ntnaccncn	720
ctgnnnnna tntntnncc tncnttatcn antaaangc	759

<210> 2860

<211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2860

ntttaactna	cnggctngga	naccnnttct	gcagnaagcn	nnncggngca	attcggcacg	60
agattctctt	agtgatgggc	tggaggaagt	ttttnaaagc	agaaatgaaa	gcttacatgg	120
aattagtcaa	caatatgctg	ttgactgcag	agctgtatct	tcagtgggtg	gatgaagcta	180
cagtagggga	gatcactcat	gctaggtatg	gatctcctta	cccttggcct	ctgaatcata	240
ttttggccta	tcaaaaacag	tgggaagtca	aacgtaagat	gaaagctatt	ggatggggaa	300
agaagactct	ggaccaggtc	ttanaggatg	tagaccagtg	ctgtcaagct	ctctctcaaa	360
gactgggaac	acaaccgtat	ttcttcaata	agcagcctac	tgaacttgac	gcactggtat	420
ttggccatct	atacaccatt	cttaccacac	aattgacaaa	tgatgaactt	tctgagaagg	480
tgaaaaacta	tagcaacctg	cttgctttct	gtaggagaat	tgaacagcac	tattttgaag	540
atcgtggtaa	aggcaggctg	tcatagagta	tgtgttaagt	ctcangagtc	ttaaacttng	600
gaaatatggg	tttacttnaa	tgttacatta	gatatngggg	gntacgaatt	tttanaacca	660
aattactggc	tttttgnaac	cttcaaaaata	ttataatggn	atcttaatgg	aatgngcctn	720
taanattggg	naatttgggg	tattacaatt	aaaaanaaaa	tnccg		765

<210> 2861
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2861

gaancagctc	tntncttttt	gcaggatccc	tcgattcgaa	ttcggcacga	gagttgctgt	60
cagtcttggt	gtggaaagga	gacgcatcta	tgacattgca	aatgtgctgg	agtcgctgca	120
tctggctcagc	cgggtggcta	agaatcagtc	tggctggcat	ggacggcaca	gcctgccnaa	180
aaccctgagg	aacctccana	gactnggaga	ggagcagaaa	tatgangagc	anatggccta	240
cctncaacag	aaagagctgg	ncctgataga	ttataaatnt	gganaacgtn	gaanagatgg	300
tgatccagat	ncccangaac	aacagttact	gganntctct	gaacccgact	gnnecctctc	360
atctgcnaac	agtggaaaag	acnagtctnt	gagaattatn	agccagangt	ttgtcatgct	420
gnncctcgnc	tncaaaaaccn	agatngtcac	tctggatgtg	gctgccgaaa	tactgntcgn	480
agacngccaa	gatgccccag	accatagnan	atttaaattg	aagaatnttc	acctgcatna	540
ncttactagc	acataaaagg	tgggatttna	tgngtnyata	ttntctgctt	ccgagattaa	600
aaatctntnt	antgnttggt	gacntangca	tggaagtgcc	cnaaactcct	gccttttaaa	660
actntcnngg	agnccatttc	cgtanattcn	cacntgatta	aganncaatg	gtgaagtttg	720
ggnaaaaccg	ccacttggat	gcaccggaaa	aanatnt			757

<210> 2862
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2862

gaagcagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	gagacattgt	60
gttgcatctt	ataacttgta	tagattgagc	tgattgaaat	aagattttgt	tccaagtatt	120
atctgataga	atacaagatg	attcaaaatt	atatagatat	ttaaagcttt	tctgctgttt	180
ttttttttta	attgcaactg	cttttctgcc	gtgcctctct	tccttaccga	aaagtgtatga	240
gttctgaaca	agacaagact	gtcatattgt	agagactttg	gtatgtgata	ccatagaata	300
ctgattggat	agccatccta	gtcacttacc	aatactgact	agaagttaac	tcttaattct	360
aagctatctt	aaaatgcata	tatatacttc	ttgcatggaa	gagcaaaaca	aattcaagtt	420
gtcatgcctg	ataatttcag	atgccaccgt	atagcaaagg	gtgaacatgt	tttcaaccct	480
ttaacttttt	acgggtgtttg	aagaccagct	actccttaat	atztatcaat	ggattaagaa	540
gtttaagatt	ttgcagattt	atcaatttgg	gtttttgtac	tgaagttgtc	ttgcggcttt	600
gcaagtgtcc	cttttatattt	aaatttgaaa	gttgtaagcc	ctggatgtta	atgtgattga	660
tcagcatggg	catatgtaaa	atgncctttt	ctgggtggct	ctctatgcc	atgggggtcag	720
atccttacac	cctaattna	accagtnngt				750

<210> 2863

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 2863

gaaancagct	tnnnaaccnc	ttgcaggatc	cctcgattcg	aattcggcac	gagggatggg	60
tgccctggag	ccaggcaagg	caggaggccc	cagaaacttg	gtgggggaga	taacggaggg	120
gatggagcag	gaggaatcct	gaaaaccgga	ctgggagaga	tggggccgag	tggacgatgc	180
ccagtaccag	cgggcgctctg	agactgaaac	attaattctg	aagaagaaga	aactagacag	240
tcagacctcc	aggactaaga	tgaagtgagc	cgagaggana	tcgtatcata	agaatgcttc	300
tgctcgnatg	cgggtgcagt	gctgtgtgta	tctagttnca	gntacttgag	aggctgaggg	360
aggangattg	cttgagtcca	gaaagtggca	gttgcaagtga	gtggagatcg	cgccactgct	420
ctncagcctg	ngtggcanan	cgagaccctg	tctcaaaaana	taancaaaaa	caaaatgctt	480
ctgtcagtta	acaatcttta	ttaaaagggg	tttttagtctt	tctttctcaa	cttgatgtgt	540
aanttggttg	acaaatgcna	attnacgtct	ttattatnct	ttctttctna	anaaaaaagc	600
cnnntnttgg	nanaanctcn	acctntgaac	tntgtgagtc	ttattacntn	natecntcca	660
tgataagatc	cnttgatnat	ttggacaaac	ccacttgaat	gcnttgaaaa	aaangctttt	720
ttgggaaatt	tnngatccta	tc				742

<210> 2864

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2864

gnntagctag	ctacnnaaac	tcttttggcna	atcccantcg	attgcgnntt	cggcncgaga	60
actgacctaa	gcctcagttt	ttcagatctg	tagtacttac	tttacatgat	tgctctttga	120

attgaataac	ataatattatg	tgaaaacact	taattatgaa	tgctgtaaaa	ctatcaaagc	180
cattaatatg	tgtnatagta	gcatcataca	ttttgcagca	taatccagag	aacaaggagt	240
tgtaacaag	ggagaggaag	ataatctgg	tggtctagta	ttatactctc	aggtgctact	300
gacttcttag	atgaccttca	agatgttagt	acaactctct	acttggagat	gctattttct	360
ggggatgtta	atatccactc	tattcacaaa	attttaagaa	aagtcaagta	gcatggatga	420
aactctccaa	agttctgctt	aaaactaaaa	tatcttagtt	gtcactgaag	ccacagatat	480
tttgtgaatg	cagcatgttc	ccaataggca	gtccctctta	gcctcacagt	ccaagctggc	540
aacaggatca	cattccaggg	aatgaacaga	aaggctggca	ggcaatcaca	ccgctgatat	600
cttangtgtg	tggtcccccc	attttttttt	tgagatggag	nctnactctg	ttgcccgaagc	660
tggagccttt	taaactatag	tgagtcgtat	tacgtanatc	cngacattgt	taggatnecat	720
tggtatgaagt	ttgggncaac	cacacttga	atgcngncg			759

<210> 2865

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2865

gnaatagcta	ggcnatnaga	tctcgttgca	ggatcncatc	tnnttgcagg	atccccatcna	60
ttgcgaantc	ngcacgaggg	acccccta	tttgtacatg	ttgatgatag	gaataagggc	120
ttcgtttatt	ttcactgcat	gctctctatg	gaaagaggat	gtgctaagca	aacaagcatt	180
gtaaacaata	tttcagaggc	aaggtttttg	cctgcttta	aaaaataaaa	tgtttgcaag	240
tacaattaaa	aaccagtata	agggacaggg	gtgggatgaa	aacctgtctc	taagattacg	300
aagcctgcgt	tatttcccct	aaatccccct	cgaggaagat	ttgaatccct	catcaacaaa	360
ttttcattga	ttatgtttct	attatatata	ctgtagactc	tatattcacg	aatgtaatca	420
tactcattca	gaaaaatata	ggaagagaaa	atgagtatga	cctgtagcct	gaatttcatt	480
ataaaaagatt	taaaaatata	catttttatat	taaaattgat	gtaatctttt	aattatgaag	540
tctttgatgc	tttagatgtt	ttcatccata	acccaagagc	aagatcttgg	catcagtttt	600
ttccangtta	tgtctatata	atctattatt	acttaaaaagt	ttggagttac	atataggata	660
tattgatatn	tagagagtta	taggatatat	gnnanttttt	ttcaattcca	gtcccccaac	720
ccgagcaaag	anccattttt	tatggaactt	aaaaaaaaaa	aaaaan		765

<210> 2866

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 2866

ngtanganac	tnnacgggaa	atcccntntc	tnnangaanc	caatcgatgc	gaattcggca	60
cgagccccag	ccagccttca	gggtcccctt	gtntntgtgt	agatgcagtc	tagcgggggg	120
ccggagaagg	gctcaggtgg	gaggggcctc	agcaggctcc	cagctcaggg	gctggcctgg	180
ggggaaccct	gggagccagg	ggctgactcc	agcaacactg	gcctgtctgc	ctgttctggg	240
agggctgtga	ggatgtcttg	cagatgctct	ggatttctgc	ggaggcacct	ccattccctt	300
ctggcttttt	ttgcggggga	gggctttggg	cctctttctt	tgagggaaca	ccgtcaaaga	360
aagcctggga	gatcgaggct	tcagtgagcc	aggatggaaa	cgcgtgtccc	aagtgtccgg	420
acaggcggca	gaggcctnag	tgcggaacac	acagccccag	agcctgtgtg	gcaccagcag	480

catcttanag	ccccaggtat	atgctgagan	cttatctcac	gctgcctcca	ntgtctgggg	540
ggcccaaaat	gatggcacia	gggcangtgg	gcctgnaagg	ggccncaaaa	tgccctgngg	600
ttcaaagga	aggggtggccc	accaatgggg	cccnanggtc	ttaaccccaa	ggaacccctt	660
tggntctnng	tnccttaaac	ccttggcann	tnacnggnaa	gnacctaata	gnggggnact	720
ggncccgang	gccccnngtg	naccttttggg	ggggccaaaa	tngggaaagg	gccccccctg	780
aaaaaaaaan						790

<210> 2867

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 2867

nacnaagata	tcctnatnnc	tggtcnncn	tttctgcang	atcccatcgn	tncantgcgg	60
cccagggctg	actgttggtc	atcttgccag	atcttntntg	atgtcttttg	cttcatectg	120
ctgtgcatct	tgcaggaaag	tagatgctct	tggtcatttg	agtaatccga	atcttggtat	180
ttccagtcaa	ctcagttgga	tttctgggat	gagaattaga	ggagtcccat	tgaaaaactg	240
gaatgagaga	tgagaagttt	gctgaaaaca	gaacattttt	ttgtgtgtgg	attgatttgc	300
ctcgataacc	tgcttgttac	tttaaccaca	tctttgcagt	ttaaaataga	acacattatt	360
tcttcagatt	cacttatttt	gactacatca	gtaatgctct	tacaaggctg	catgacagat	420
ttatggtgac	atgcttttagg	cagttcaaaa	tccttaaacc	tatattcagc	tccttttttc	480
ctagaaagta	agtcacttta	atcttcaatc	tttctttctt	tttaatcttt	taatgatttt	540
ttgggggaga	ggaatcttgg	cagttagatt	cttcaagctt	ggctacaaat	gggttaaaat	600
ataagtgggtg	aaaatnttat	acttntcct	atttngantt	tgnetgctca	tttggnttct	660
tcccatgggtc	tcaagtatac	aattnccaag	tttattgggg	ctgnntcacn	tgnttccatt	720
tctgcaggga	aaaggctgcn	ttncnnaatt	gggggttnggc	cn		762

<210> 2868

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 2868

ttgttctttt	tgcaggatcc	catcgattcg	ccagagcgag	cacgcgtctg	gcggctgctg	60
tcgttgtgtt	ctaccccgta	ctgacccaac	accacaaggg	ctttctctgg	ttccctgtcc	120
ctaagacaat	aatcgctttc	tgacaaagga	gcctgcacat	ttgggtgagc	agaccaagc	180
tgtttacagc	tctttcttgt	cctgccatcc	agtagcagtt	agtcttcac	cccacgtgaa	240
caaaatggga	aggagccgtg	aggagaggag	tgaggcaaca	ggcacccgaa	gtccctcgctc	300
cttccctctg	tgtgctctga	atatgtcctt	gtccttctctg	acccatctct	gaccagctgg	360
gaacctgctt	gggggtcccc	tcaaacctgt	gnctgggggtg	tgggctcaca	gatccctatc	420
agcctgggtc	gtgggganggc	tcttcctaaa	gggaccccca	tctctaagtc	actctgaaag	480
ggagttgtgg	agaggagacg	ccctncaaac	tcttcagaag	tntntgagga	cttgaactgg	540
gtcactcggtg	atctgngtnc	gaaatccttc	ccaacctttt	tcttttgggg	gagntttcct	600
taaccttgct	ngcttgnaaa	ccaccaaaag	gtttttgggn	ggcctntcct	ttttcttcna	660
ttttgggttt	aaaagggcaa	ntngtnccaa	aaaagcccat	ttcccnngaa	atgcccaaan	720
aaccangggg	ggccttaatt	ttnttaaggg	ggaaagggna	aggttcnggt	tttcccaatn	780

gntttccccc ttcccc

796

<210> 2869

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2869

gacnntgtg	nangnncgtg	gaaatgncct	ttctnnanga	nncccntgcg	ntncgaattc	60
ggcacgagaa	tacacacaac	atataagaca	tggcantttt	ctgtttatgt	tatcagggtt	120
aaggcttctg	gtcaacagta	agctatgagt	agttaagttt	ctgggggggac	aaaaatttgg	180
ttgtcaactg	atggggggggc	ggtgttgga	cccctaacc	gtgcactgtt	gaaggggtcaa	240
ttgnaactgna	tttatatatg	ccancagctc	tncaactgtg	gtctgcagat	ctcatgaggt	300
ctcctttcag	gggaccacaca	tgggcaaaac	tatatccata	ctactactaa	agccatttgc	360
attttccact	gngttgatat	ttgcctgatg	ttgcaaaagc	nttgggtgggt	aaaactgccg	420
gtaccttagt	gcaaactcgag	tcaanggcac	taaacgtata	nttgccatta	gacccctctt	480
tcancattct	gtgctngcag	ntnaaanntt	aataagccng	ttttacntan	gaatgtcctt	540
aatgaagcaa	ttgaaatgac	taattttatt	aaaatctnaa	gccttgagta	tatatctctt	600
tcaatattct	atggaaataa	ntggnaacta	tncattaagc	atttctgcat	gcaaatatgg	660
nactgnnttg	aagnaaanct	ctgcgggtnn	cnaattgcna	accttgaact	acccattgat	720
acttgatgtg	gcaggctncn	ggacaacc				748

<210> 2870

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 2870

tttnmatgct	ggttgctggt	ctntctnnaa	gatccnngcg	ngncgaattc	ggcacgagcc	60
cagaatgaac	atgcagcccc	ccaagtaat	cctgtgatcc	cagggtttca	agatagactt	120
ttgagttttt	cacagtctgt	cttaactcag	caagataact	tgggacttca	gaaacagttg	180
gatctacaaa	gagaagttct	gcattatagc	cagaaagccc	aggaaaaatt	gcttgtagag	240
agacaaacag	cattgcagca	gcagatacag	aaacatgaag	agactttgaa	ggatttcttt	300
aaagacagtc	agataagtaa	gcccacagtt	gaaaatgatt	taaaaaccca	gaagatgggg	360
cagctcagag	actggtttcc	taatacacaa	gacctagcag	gaaatgatca	agaaaatatt	420
aggcatgcag	ataggaacaa	ctctgatgat	aatcatttgg	cttcagaaga	tactagtgcc	480
aagcaaagtg	gtgagcatct	ggagaaagat	ctggggagaa	gatcctcaaa	gcccctgtag	540
caaaagtcaa	atgtggtttg	gacttaaacc	agcattgaac	ttagtgtctat	acaagaagta	600
gagtcaccag	caattggcag	aacttctata	ctaggtaaac	cagggtattta	tgaagacaga	660
gacccctgc	gagtcttaat	taagcccag	acaaagggtt	ttttgggagc	ccctggccat	720
ggatcccgtt	angttgnctt	n				741

<210> 2871

<211> 735

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 2871

tgnnagagta	nngnnnggta	cttgctcttt	ntnnangtag	cccgtgccat	tccggagggc	60
actgccctcc	tggaagagat	gcattaggat	cggtttgenc	agtaatacct	ttacatgann	120
ccatttngag	aatgatnacg	ggccaaagnt	aacgggtgna	ctgttangnc	ancatggact	180
nngagaangc	aagggtnang	gtgaccaggt	ctggcanagt	aannagcctt	ncgntnnaag	240
ngnacctgnn	ccngaccnc	agaggatngt	naccantnng	actgnaggaa	tganncnngt	300
nnggntgatn	tntctncatn	gannccataa	tctaatagcat	gattangaga	nccaaatngg	360
ctgctcntta	anngacatcc	canannctat	ctgatccctaa	tgcggnncat	nctngatanc	420
ttagtgctnn	taaacgncgt	gntcatacat	nnactnatgc	ttnggcnanc	cactcnnngn	480
tggttangtna	cntatgtann	ncnngacngg	anacttctnc	tctgtgnagc	agtcatacaca	540
tctntacang	nnctangtn	antatngctn	tnaacncggn	ntgtagtga	tactggagca	600
tggttttctn	ntnacactgc	attgctgtca	catcttggct	gagcnnagta	atgtccgctn	660
agncttaata	nacntngaa	tgntgggcn	tcgcctggag	ttccangatc	ntttggagtc	720
cgtenacttt	tatnt					735

<210> 2872
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 2872

agnangcgtg	tgaagtatcg	ccncctaan	agaaggcggg	cgattcggca	cgaggcccca	60
gggcatncgg	gggatccctg	tgattttggt	gaggggtgagc	acccagggttc	cacagggctc	120
tgtectgggc	aggccagcag	atgcagtgat	tgcaaatcct	ccttgtncaa	atggaacagg	180
cacgtgcatt	tgtggcacac	tcagagctgc	tggccactag	tgngctttgg	agaatcagtt	240
gtctcccagg	cggggaangt	ccctcagaca	taaaatactc	acccatttag	aggaatgaca	300
acagcaaagg	aaactatatt	ctgctaattt	actggtaaga	gaggaaaaaac	tctgtcatgc	360
atacacatga	cagaggctct	gcctaaagag	agaggcagca	cgatacagat	attagcaaat	420
gactactctc	cangaagaaa	cacaccagcc	aggaacggna	ctcacacctg	naatccagna	480
ctttcanagg	ccactccggt	aggatggctt	canaccatga	gtttgagact	agnctgngca	540
acctggcnga	cttcatctnt	accannaaat	gaaaccatgc	attccaacct	ncnannagat	600
cantnangag	acccacacct	gggagtnncc	agatatttca	aaggctnngc	angaaggatc	660
tcttnggccc	aggaaaangg	aaggcttgca	attgaactat	gacctaacca	cttcactttc	720
agnccggggc	nnccaaancc	atgacccctn	nt			752

<210> 2873
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 2873

tctangagat	ggnatgtntc	gncctntctc	naagagnaaa	ggcttggcgn	attccgggcc	60
aagatcgaga	cctcctggc	taacacgggtg	aancncatc	tctactaaaa	atacaaaaaa	120
ttagctgggc	atagtggcag	gtgcctgtag	ccccagctac	tggggaggct	gaggcaggag	180
aatggcgtga	acccgggagg	cggagcttgc	agtgagctga	aattgcaaca	ctgcactcca	240
gcctgggcga	cagagtgaga	ctccgtctca	aaataaaaaa	ataaaatggg	aatatcaata	300
gggcctatct	agtaggggtg	aagtatagct	ctaagttagat	ggtccatact	ggtccccag	360
cacataggaa	gccctcaaga	aataaaggct	agtggtaacc	tgcacagtga	tgggaggaca	420
ggggctatgc	agaaaaactt	ggagcaaaga	aacgagagca	aatatgggaa	aataacaatt	480
tgtgtggggt	tgaacatatg	gttggtcatc	gtactgtttt	ttcaaatttt	ctgtatgggt	540
gaaaaaagtg	ataatttttt	gggggaaaaat	ctggcatgtt	cccctgcacc	tanggtatat	600
caaatgtat	tgacaaaatc	caaattaaaa	gccaaactca	aaaaaaaaaa	aaaaaaaaaa	660
aactcgagcc	ctnttaanaa	ctattagtgg	agtcctgatt	tacngtagaa	tncnggacct	720
tggattaagg	atncatttgg	atgaagtttt	gggacaaanc	cccaactttg	n	771

<210> 2874

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2874

agnngcggnn	nnnngnaaat	gccctnnatg	caggaaccca	ngcgatccgc	ctgggtggtag	60
ttaccacaac	acatgcctca	ttaagaaaca	ntttncatca	gagggaaatgc	ctgcctccct	120
gntaccagct	ctgcagatgt	gcacatatct	tcctgtcgta	agccaatggg	acttaaacct	180
tacctcttgt	gttttgagga	ctatctttta	tttttttttt	tttgagagag	tgtctccctg	240
tggtgtcag	gctggagtgc	agtgggtgta	tctcggtcga	ctgtaacctt	cacctactgg	300
gttcaagtaa	ctctcctgcc	tcagcctccc	gagtagcttg	gactacaggc	gtgcaccacc	360
acacctggct	aactttttgt	attttttagta	gagacggggg	tttgccatgt	tgcccgggct	420
ggtctcgaac	tcctgacctt	aaatgagcct	cctgcctcag	cctcccaaac	tgctgggatt	480
acaggcgtgt	gccaccatgc	ctggctaata	tttatatttt	cagtagagac	gaggggtttgc	540
catgttggtc	aggctgggct	cgaactcctg	acctcaagtg	gtccaccac	cttggcctcc	600
tagagtgtct	ggattacagg	gggtgagcca	ctgngcccgg	gctcttttgc	tttcttaaaa	660
gactttggtc	gggtatttgg	gntggatgga	gtattgngtc	tgggtgnggg	taattcgann	720
cctnnnttng	tnnggggggt	anag				744

<210> 2875

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2875

tcaanannca	gctcttggtc	tttttgagga	atcccatcga	ttcgctgaga	tcggccactg	60
cactccagcc	tgggtgacag	agtgagactc	cgtgtcaaaa	aaaaaagtcc	caaactgttt	120
ggctttatct	aggcagtaaa	tattctactt	cgggatgacc	tgtcatggag	ccagtaagge	180
ctctacaaat	cacatcccaa	acaaatacaa	ctcagatgag	caaagtaagg	cccagatgaa	240
atgacatctc	gatctcttct	atggcagaaa	ctcagcaaga	cataatgaaa	caaagatagc	300
taaagtccat	tatttaaatg	tctactccca	agagaattat	gggactttta	ggctactcac	360

taacatacaa	aattaccatg	cagatatggg	gggaaagtcc	atgtccagaa	aaaacttggt	420
ttgcaaacct	tagaactatg	tcattgcagg	attatgtgtg	tgtgcccgtg	tgtgtgctca	480
caggctttga	agagttttat	gagtatccat	tatccaaaat	gcttggaac	agaagtgttt	540
tggatttttag	attttgaaat	atttgcatta	tacttaacaa	gttcaagttc	agcatncaaa	600
acccaaaatg	ctccagtggg	catttccttt	gagcatgtca	gtacgcaaaa	agtttcagat	660
tttgaggcac	ttaagattta	ggatttggga	tatcagcctg	cataatcaaa	cctttctcat	720
tcaggaatgt	aaaangaggt	ttaatatgag	cttan			755

<210> 2876

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (771)

<223> n = A,T,C or G

<400> 2876

agcgnccg	ntgaactgaa	atcccccttc	ngcaggagcc	catcgatncc	aattcggcac	60
gagatcacct	gatgtcagga	gttcgagacc	tttttggtca	gcaagggtgaa	accctgtctc	120
tactaaaaat	acaaaaatta	gccaggcgtg	gtggcgtgtg	cctgtagtcc	cagctacttg	180
gggaggctga	ggcaggagaa	tcacttgaac	ccggaggcag	agggttcagt	gagctgagat	240
cttgccactg	cactccagcc	tgggtgacag	agcaagactc	catctcaaaa	aaaaaaagaa	300
gatggaatta	gctgagtttc	atggctgctt	gggaggtttt	ttgcagacaa	agactccctc	360
tctcaccag	actggagtgc	agtggcgtga	ccctaactca	ctggagcctt	gaactcctgg	420
tctacggtga	tcctcctgct	tcagcctaag	tagctgttat	tggcatgagc	cactgcccct	480
ggctcacatg	gctgcttaaa	tggaagagtt	agcagttgag	actgagaaac	atgaaggact	540
angtaagtat	ggggctccca	gatagagggc	agcccacaaa	cgagataagc	agaagctgcc	600
caaaggggga	aggaaagaca	gccagacag	gggaatgtta	agaagaagac	tcaagccaac	660
tcaagggggt	taataaaaaa	ggagcctaag	ctctctttaa	nncattcacc	caagccatat	720
gggatttcag	caaacttggc	cctgtcccaa	gggacctccc	ttttggcaag	g	771

<210> 2877

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 2877

tnnntttgac	ncnttncnag	gctaacttgtt	ctttttgcag	gatcccatcg	attogaattc	60
ggcacgagct	gggagcgaga	cggtggcccc	gnccagcccc	atgggccaca	ccggctgggtg	120
agacgagagg	atggggcagc	aggggaccgg	gacctgcggg	cagctgtggt	gatcaggacg	180
ctgaggagcc	aggaggcctg	cctggaggcg	gtgctacgtc	gactacaggg	acagtgtcgg	240
caggaactgg	ccaggctggg	gggagcccg	cctgggtctca	tctggatccc	gccacctgga	300
cgctgagggc	ctgtcgacgg	gccctcgtgt	gggaagcctg	ccctggccca	gcctggctgg	360
gtcttggagg	ancagattcc	aaggccaggt	ggccgcangg	acgatgcaga	tgcagagccc	420
acgtnacatg	ctcgtccag	gggtggggct	gggctgactc	tggccggatc	ccaagcctgt	480
ggctagcagc	actggggaca	ggaatggctg	gtcccttgag	gaggtcntga	caggctcaac	540
ctgntgggtc	ggangggact	cggaaataaa	ttgtancagc	tttccttgcc	aaaaaaaaaa	600
anatnnannn	nnnnntnnnn	naaaaaaaa	aactcgagcc	tttaaaactn	ttngngaagt	660
cgtatttact	tngaattcca	aaacnttgat	taggatncct	ttgnnnnaat	tttggganca	720

aaccncaaac ttnnnaatgc cnnntnaaaa aaaaagcctt ttatttttggg gnaaaatt 778

<210> 2878
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2878
 tgcatacaca cgcttnggaa ctngccctct ttctgcagga tcccatcgat ncgcgctctc 60
 cctttatagt ttctctataa aaactgggtt taaaattagt ggaaaagggc aggttgaatc 120
 aagggtgaatc aatctgaaat tgagcacacc tgcctgccat cgctgttcct tcaactgagt 180
 gctgcacatc atgggctctg tctgtgagag aaaaatcccg gtgcttggtg tccttgcacg 240
 acatggagtt ttgcatgtag atcantttaa aatgtacctc ttgtttacat aatttgcata 300
 attttaaaag ataatgttgn cnaactntgg aaatgttaat gttcagactg aaaatctcca 360
 ctacatgtaa ctctcttcct ctggatcact ggcattgntt ataatcccag ccagtgggtt 420
 gaactgntcc antgtcaact gccatgtgct ctgcttcaag ggggaactag ccttttngna 480
 attttttgcc ataagtattt gttacnaata ttttagcaaa tgctttctat tnctctagct 540
 tgtgcataatc ttggctgggc gttacagaan nnatagncta cccattatnt tncttaccgn 600
 ggaaatgaag ggntantncc ttccncttt tantccggtc cnnnttttna ctttaattgt 660
 nagggngggt gggataaagg gaangngat gnangaagcn ttaannnacc tnaaatttct 720
 tgaaccccn caangncnnn nggggttcntt ttaaccccn aannn 765

<210> 2879
 <211> 811
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(811)
 <223> n = A,T,C or G

<400> 2879
 cntgntnnnn nttcaancct ggnaancgcc tttctnnann agancggtnc gnttttagaaa 60
 tagaactcct gtagatgtgt agaaagantg atggnaaaga gaaaggactg atgtccttct 120
 tttcattgaa aaagatattg tttaggctct acaatggctt aggtatggtt tgagactctg 180
 gggttacaaa gcaaagaaaa cctggcctct gccctgctca gagaacagca gggatacagc 240
 atgttagcaa ataagtatat agtgtggaaa ggtctgtagt caatagcagt cattttgaca 300
 ataggaaaag gaatgtgtga aacttctggg tctgtgtgtg tgttgggggt ggtgggtcaa 360
 gggaggggat ccaaagatgg ttactactaag aagggaaaaa caccggacct gagacttgaa 420
 tgcaagtaga attttgccag gcagatgatc tgttcttcca ggtagataat ccatcctggg 480
 cagacaaaac caggctgtag aaggaacacc atgtgtggag caatagaaat atctcattgg 540
 tactggagta taatgcacgc caagaaacca ggcaaggtag acanggggcc acccgtgnaa 600
 ggaaacctct tgaaatangg ggaatggata ttcattcacat tttccattgt ttaaggacca 660
 aattgggaan aaagtttnaa tantccaaga atgttaagga aaaagnttaa atgggaaggg 720
 gaagacaaaa tttccaaggt ggnttccaag ccnaagggg attgacncan ttcccttaan 780
 ttttggaaaa ggnccngggg tntttgggaa a 811

<210> 2880
 <211> 771
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 2880

gagattttcc	ttaactgcaa	tggctactcg	ctctttccgn	agcccatcga	ttcgctgggt	60
catgaaataa	cagattaaaa	atgttctctg	gtaattttta	ttaaacattt	ctgtaaattg	120
aaggaaaaga	aaaagatttc	agagagtctg	atcaataata	gcttgtgggt	cctagtgagt	180
ggagcagtgt	ataaagaggt	aagggttttg	agggaaaaaa	atactatgtc	aaatgggggg	240
tgaatgataa	aaatcgctct	catttttcctt	tttttcacct	ttcatcttca	tttatggaat	300
ttctatacaa	taaatntgnt	tggcatttaa	taacagtgcc	tctcccccg	aatactgttt	360
ttattttatc	ttacttaaca	aaatattntg	tagtgggtct	gtgccaagt	ctgttctaag	420
cactttgcna	atattnttct	acntaaccct	ataaggtggg	tctgttttta	tgccctcttg	480
ttcgnttgcc	agcaattaat	gaaactgaaa	cagtgcctgt	ccaagacacc	ntaagnagta	540
aatggcatag	ctggaatttg	gccctnaagt	cagtcctctt	aaccactgng	ctcttctgtc	600
tgctaattgga	aaacccttat	aaagtgggtga	accanaaaaa	gccagagggtc	tggttttann	660
ntnccatttt	nggcnttttn	aaaaccgggn	tttttgctc	ttgtcccccc	aagaanttgg	720
gggttttcaa	tggaaccttt	ggntcncnnc	canngggggc	tcnancnncn	g	771

<210> 2881

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 2881

acngcncgnc	cancngntng	gaantcccn	ctctgcnnng	agcccatcga	tnngaattcg	60
gcacgaggng	aggcatnttg	gcntnaacnt	gcgtttttta	cagaagttat	gtgccactgt	120
ggaaatngct	ggaaatacaa	atgcaaaaaga	aaacacaaat	ctctgncatt	ctgcagaaac	180
agcattctnn	ngaccccntn	nggcttatct	tatagatgta	tatccttgtg	cttacagaaa	240
cttgatcata	ttattntatn	actngcnggt	tcatntaaaa	atatcatgaa	catcttnngt	300
gacatgacat	gtctcnnctn	tnaatgagng	catagacnnc	caaactacaa	atcttccata	360
ctcngtgnan	agnncctcca	ctgcagtcca	ncctgggcaa	cacantgaga	ctccgtcgca	420
aaaangncaa	nagacngct	attgacnnc	atcttgacnt	tggtatganng	tggcantaat	480
ntgantgccg	taacancgaa	tgaggaggn	gagaggaana	naccgggagc	ccaagttna	540
ttgggaaagt	ggntcaggcc	attggtantg	naaaaaatcat	aattcncang	antttganat	600
gggagaaatg	cgggcnggac	ttgaccgnat	ctnactgaaa	ncgnanactn	cancgggaag	660
ntncaaggcn	aanngntcat	tttaaaccct	anggnnttcc	angctggnaa	nganncccng	720
ggattgnncc	nactnncctt	ccaggcctgn	aanaacaaaa	actgnnct		768

<210> 2882

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 2882

gcnttcctaa	accctttgnt	ntcgcctctnt	gcaggatccc	tcgattcgta	aagttacact	60
taaacagtga	tacatagatt	gccagatntt	ttttggaagg	gctttgatta	attaggcttc	120
agggaaattg	tgaataaaaa	cataaatctt	gcaataggg	aggggaaaga	aaataatccc	180
actcctgaag	tgatgaaatg	aagagtggct	agagaggaga	aaagaaccag	gacagggtgat	240
atattagcaa	ctgtcagtg	gaataatcca	gggtatgaca	tttctaattt	agcctcacat	300
ttaagggtcat	ttctgattca	acctcaaatg	atccttctag	cctactgctc	ccctaaatat	360
taatataattc	tttgtgccag	tcacagtgtg	ttaacatttc	cctgaaaaca	tcttaagcat	420
tttttttaac	ctatgtgact	tttgcccttct	tccatctcaa	ccttttataa	tcttacctac	480
ctgtccctta	cttcatcaaa	tgttttctaat	tatttagaaa	caacttctaa	atttcctaata	540
atatatgtat	atctgngttg	agtatgtatg	tgnnataact	aaattagagc	taaaatatctc	600
ttttattagt	atgaaaattt	gtgnaattag	ttgatttatn	ccttcatata	tctctgggag	660
aaaatctctt	ggtcaagcct	ggtagccctc	agagaacttt	aaagttttat	tgattctaat	720
nttatgtatg	tatgcatgna	tgc				743

<210> 2883

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (737)

<223> n = A,T,C or G

<400> 2883

gantcagctc	tggtcttttt	gcaggatccc	tcgattcggtg	aaggacctgc	ctgcggctgc	60
tttacagttt	gtttgttttt	ttttaaaata	agtagaagat	atacactaaa	gtaatgataa	120
atgtatagta	tagtaaatac	acaaaccatt	aacagttgtt	tattttcaag	tatatgtact	180
gtacattaat	tgtgtgtgct	gtacttttat	acaactggca	gcatggtagg	tttgttcaca	240
ccatcttctc	cacaaacctg	agaatcgtgt	tggtgcactg	caagtcatta	agtttaggaat	300
tggtcagctt	cattataatt	tgtgggaaca	taagatgtcc	ttaaatagca	cataactgta	360
atgtgttttt	tttaacatct	tggttttttc	agcagctatg	ttagtatcca	gcagataact	420
ggcactctgg	acatttgatg	ggtgaaaata	ttcacgggtc	attcttttct	tcgaatgagc	480
cccaataatc	attgcctcct	gaattcctct	atcaatattt	tgcctatcat	ttgacatttt	540
tagacattta	aaacttctta	gtaagatagg	acattactgt	aagagcattt	gtctgcatat	600
actatttcag	tttttttccc	ctttgtctga	gttaattctc	tatctactgg	tcacagtaaa	660
gagttccata	acatactaca	cttgccctaaa	cagattttaac	ctctggcagc	tcacttgact	720
gaacacagta	agtaagg					737

<210> 2884

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 2884

acntngttct	gtnnncngaan	ncctnncctc	naaaancnag	gcgggtgcgtt	ntcagccacc	60
tccactgact	cctacctcca	aagntnatac	tttttagacc	ttattttcct	aaggatgagg	120
ntagtangag	ggctgcttnc	cctcagcctg	gattactgct	ttggcctaga	agatgaagat	180
ggcatatgtg	gttatgcctt	gggcactgta	gatgtgacct	ccttnattaa	aaaatgtaaa	240
attncctgga	tccccttcat	gcaggagaag	tataccaagc	caaatggtga	caaggaactc	300

tctgaggctg	agaaaataat	gttgagntnc	catgaagaac	angangnact	gccanaaact	360
ttccttgcta	atntcccttc	tctgataaag	atggacattc	acaaaaaagt	aactgaccca	420
ngtgtggcca	aaagcatgat	ggctngcctc	ctgncttcac	tgaaggctaa	nggctcccgg	480
ggagctttnn	gagaagngag	accanatgan	anaagaattc	tggaatctta	cagcangtta	540
agatggtnnt	gaaattgcaa	aaaaaggaag	gatttncaaa	aggatgnngg	ctattacttt	600
ggtcnggaac	cctggggacc	aattcnttga	cactgggnaa	ctgntncaaa	aagtctctta	660
actgcaccct	nggnnnantg	ggtaacttga	agggcntcca	taacagtcaa	gccncnagaa	720
atgggnacca	aaaccatncc	aannggantt	cgcaaccnan	aaagacnnt		769

<210> 2885

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2885

gaancanctc	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	agattgaatt	60
ttctgataat	tgaagcttat	taattgtcta	aaattatctt	aagatatttt	ctgatgtaca	120
tcattttaaa	atgagttgca	cacatttcta	ttctgtttca	acatattcaa	tataattttc	180
gctcttggtc	atctggtggg	attcattata	taattcanac	gtggtctcag	gtctggagac	240
atgtgaagtt	attgtccta	cactgagtgt	ttccatgtca	ttatgcctta	atccttattt	300
agacacagct	atgataccct	ctttacaaca	taaaggataa	gcaaaaggat	gtataaatgt	360
atcctgggct	ggaaagtggc	attattgact	ggccattggc	catcagcaaa	ggggcctgag	420
tggaaggata	tgaaggatg	ggtgtaaatg	agatgacngg	ttgatgggtg	cagcaaacca	480
ccatggcagg	tgtataccta	tetaacaaac	ctgcaggttc	tacacatgtg	tcccanaact	540
taaagtatag	ttaaaaaaa	aaaggatgan	tggtagcac	agctgacaca	ccccacgaat	600
atctgggggg	ctttgagaan	gttgctgana	tccagtaatc	atgtggcaag	tttcagttat	660
ttttattgag	acctcttggc	tcaataggct	gttgaagtcc	ttggaactcc	atcaaagggtg	720
ggtttcccaa	tcctncatga	ctgcng				746

<210> 2886

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2886

acngcgnncn	ctgaacngga	aatccccnt	tgcacnggat	cccatcgatt	cgaattcggc	60
acgaggtgat	agagatcatg	ccgcttgggt	tntttnttct	tccccctcgt	tgtaattcag	120
caggcttccc	agtgtgccct	gcatectcat	ctgtgaggcc	gacttcacta	tcattccac	180
ttataggtgg	aggagactga	ggcacagagc	tcccaaagcc	ccacagctgg	cgagtggcag	240
ggctagcgtg	cgatgtccac	tagactgggtg	tctgacgcag	aagctgcgct	tctcaccct	300
gggatctgga	agataattct	gatgtgtgag	atccaggaga	atgcattgtt	taaccagaaa	360
atgttttgta	actgcatttt	tgtttttgac	agaaatgtga	ctgcccactg	aatantgagc	420
attggaatta	gagaccatct	agctgccggg	gctgggntgg	gtcatcttgc	gncnttaag	480
actgaattgg	gatgctggat	tccantctta	aaaaccggca	tggngacata	ccacaaacag	540
ggtancntaa	aacaacaaaa	tntttttcac	aattctgaag	ggtaaaaggc	tgaaatcang	600
gcntgtgggc	acggtgagct	ccttcttgan	gcanactggg	cccgttcctt	nccggaacct	660

ccggnnggca acaagcttgc cctnggggggn nccctgnctt ggancctgng ttaaccccan 720
actnttgncc ccgncttnat ggggnancc 749

<210> 2887
<211> 742
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (742)
<223> n = A,T,C or G

<400> 2887
gaatnaatcg cttggctact cgcnccttttc tgcaggatcc catcgattcg tgtggcccca 60
agagtgggag gagtgggctg tcagtaggcc acnttntaaa tatctgtgtt ctggctgacc 120
cccatatgct aggatactgg agatgaggaa ctggagaagg tgcttaaaga gcacatctgt 180
ctggtagagg acacagagct gtccttcaag catttgaacg atgttctcat ttccctggaa 240
tcttctcctc tccaggctca catctctagc tccttcaatg attcctcttg cgacatcatt 300
ttagttctct tccccaacct agtctttttg cttttaatga atgatcactg atgtatagcc 360
ctgatgacat ctggtgtcca cagtgggtgcc tgatgctccg ggtgaagttg aagtttgacc 420
agtaagaggg aagaaagaat ggctcctccc tcatttcaga gaatacatcc tagtcacaag 480
tgccccta at gtcactcagg tttttgatag ctacattccc tcaactgatcc agtagaatac 540
actaccaact gatgcacat cttgattaac aacagcaagc cttcccttcc ttncctcaagn 600
atctctctn acatggcttc catncagatt tgcttttaac ctgccacttt ggaangggcc 660
ccccgagatc attttaatta aacacgttat tagaactggg ttaataaggc tancctctat 720
gtctctgcna atatttccaa gc 742

<210> 2888
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (755)
<223> n = A,T,C or G

<400> 2888
nggttttang accttggn ta angccttttc tgcaggancc catcgattcg aattcggcac 60
gagctctttt cttgcttagt gatggcatcc attttaagga acaaacctgg aaatgctgag 120
caaagaacac atacccttca tttccaaagg ttcatttccc actcttactt tagattgaca 180
atgagttgta gttcaaaggc tgccctgcag ggaagctcat ataccctata atttaaaggg 240
cctcagacga ctcttgggaa acttggtaaa acattctatt tagagacatg cctgctgata 300
tgacatatat ttttatagtt ataccctttt attgctggga cataaaacct gtttctactc 360
aaaatgttcc tgctttcaga aaatagaaca agagacatgc agaaaacagt gattctatta 420
ttgtgtatta tgacttttgt tttatagttc tcttttccaa ctcatctctt ttccctgcag 480
ctgtggaatc tggacagcaa aatcttgtgg acgtttattc cactaagccc agggatgaga 540
tggcactcan gttaaagaac taacattttc tgaaaccctt cattactttt taccagcatc 600
angccctctt aagttccaag tggttaagaaa cccttcattc aaatctttac ttccgncant 660
ncccatcttc aagcccttct attatgaacc aaaatttcan gaaaccncta gggatgcccc 720
ttaagaaatt ggggttacat ggttggnccc aaaaa 755

<210> 2889
<211> 717
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 2889

cnaaanatnn	ctggngnngc	gcgttttgaa	ctatcaacta	gatctgggaa	gatagaacag	60
gcnttntcag	attgccttgt	ttacaaagtg	tcatcacgaa	aagtgttcct	ctaggaaggc	120
ataatatgtg	gcctgatgga	tttgatgagt	agattgtaaa	agggttggga	ttctggcaga	180
acaagaagag	ataactaatt	agtggaatta	actgagaaaa	gagttcatta	gcatgttggc	240
tattagactc	taataaaaaat	gggtgtgaaa	agatgggatt	tggacctaga	ggcagtctta	300
gagccataat	cctttttttc	tccttttgtg	aaagtgcag	gtacttctgg	tctgagtcca	360
taaatcagct	atatctaaat	ggaaaactat	atcccactgg	gatggtaatc	acccttttga	420
tagaaagggt	agaagccaga	ttcttcaaca	gaaatggaac	ttatcaattt	aattaagatt	480
cctcaacagt	agatttttag	gtcagtggaa	cccctgtgta	aagcgatgtg	ctactgcatg	540
cctagaatcc	tatatcactg	atagctgaaa	aagaggcana	gcacttacca	ttttcattag	600
nctgtatncc	cttggaatgt	aagccctttt	tgaangggaa	atctactcag	gangctgaag	660
cccggaaaat	nacttggaac	ccaggaagca	naaggtttgc	ttgtnaccn	aaaattt	717

<210> 2890

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 2890

cnaaanatnn	ctggngnngc	gcgttttgaa	ctatcaacta	gatctgggaa	gatagaacag	60
gcnttntcag	attgccttgt	ttacaaagtg	tcatcacgaa	aagtgttcct	ctaggaaggc	120
ataatatgtg	gcctgatgga	tttgatgagt	agattgtaaa	agggttggga	ttctggcaga	180
acaagaagag	ataactaatt	agtggaatta	actgagaaaa	gagttcatta	gcatgttggc	240
tattagactc	taataaaaaat	gggtgtgaaa	agatgggatt	tggacctaga	ggcagtctta	300
gagccataat	cctttttttc	tccttttgtg	aaagtgcag	gtacttctgg	tctgagtcca	360
taaatcagct	atatctaaat	ggaaaactat	atcccactgg	gatggtaatc	acccttttga	420
tagaaagggt	agaagccaga	ttcttcaaca	gaaatggaac	ttatcaattt	aattaagatt	480
cctcaacagt	agatttttag	gtcagtggaa	cccctgtgta	aagcgatgtg	ctactgcatg	540
cctagaatcc	tatatcactg	atagctgaaa	aagaggcana	gcacttacca	ttttcattag	600
nctgtatncc	cttggaatgt	aagccctttt	tgaangggaa	atctactcag	gangctgaag	660
cccggaaaat	nacttggaac	ccaggaagca	naaggtttgc	ttgtnaccn	aaaattt	717

<210> 2891

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2891

gagtacgang	ggcanaactg	gaaaccccat	nnctnnanga	anccanngcg	atgcgaattc	60
gggcacgagg	ctcttctctg	tgccctttat	ccgntttttc	cagctcacag	cactgacaac	120
cggtatcatc	tccaggctct	ccggcacctc	tatgtgctgg	ccggggagcc	caggcttcta	180
gtgcctgtgg	atgtggacac	aaacacgccc	tgctatgccc	tcttagaagt	tacctacaag	240
ggcactcagt	ggtatgaaca	aaccaaagaa	gaattgatgg	ctcctaccct	tcttccagaa	300
ctccatcttt	taaagcagat	taaagtaaaa	ggcccaagat	actgggaact	gctcatagat	360
ttaagcaaag	gaacacaaca	cttgaagtcc	atcctttcca	aggatggggg	nttatatgtt	420
aaactccggg	cgggtcagct	ctcctacaaa	gaagatccaa	tgggatggca	aagnttgntg	480
gctcaagact	gntgctaaca	ggaactcnga	agccccgggc	tttcaagcca	gaaacaatct	540
cagcattcac	ttctgatcca	cacttctggc	atcttctgaa	nattncngca	agccaactgn	600
gaacatgggg	cagaaaacag	gaaantctgg	aactcttttc	ttcagncccc	atgaaagggg	660
taccaggag	acccaaaaaa	gttgcccgnc	atacataaca	atggacaggc	tataagaaaa	720
cttgggaaaa	naaaatgtc	tgat				744

<210> 2892

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 2892

angttatnaa	accctttgga	cncgctcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagatcacg	cccagctaata	tttttgtatt	tttttagtaga	gatgggattt	caccgtgttg	120
gccaggatgg	tcttgatctc	ctgatcttgc	gatccaccgc	ccttggcctc	ccagagtgtc	180
gggattacag	gcatgagcca	ccacacctgg	ccacagaagg	gatcatttct	aaatagcata	240
gaatcacagg	gagtacacct	catgtgactt	cacgtttaga	gtcagcattt	gtccataatg	300
aattacatat	cagtaaatga	acatgacatg	cttcaacttc	aataatatta	aacaaaactc	360
tttcagtgtg	cttattcata	gacgaaaaac	agggcctgaa	aaccagtggt	gacttgggtg	420
tcatatatct	tcagtttgga	tgactatat	cagtgtcta	caataaaggc	caggaatgat	480
tttgaggtat	aatgtccagc	cttaaatctt	aatgaaagt	gaaattcaaa	cacttagccc	540
agcagtagaa	gaacaaacac	tagtgagaca	agtataaatt	tgntaagacg	aacatgggcc	600
agatcccat	atctaata	tgggggccct	cgacagtatg	taccgtctnn	gaanaggaag	660
naaatattca	aggtncccaa	atggagccat	ttccttcaaa	agacaggccc	aaggagcttn	720
tgaaaanaaa	anccaagtgt	nggccaanaa	angaaggggg	ccct		764

<210> 2893

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 2893

gnntnnnnnn	nngnnctngt	ctttttgcag	gatccctcga	ttcgaattcg	gcacgagatt	60
tcctgagggtc	tccccagcca	ggctgaactg	tgagtcaatt	aaacctcttt	ccccataaaa	120
ttaccagtc	tcgggcatgt	ctttattagc	agtgtgagaa	tggactaata	caagtaccat	180
taataaattt	cacaacgtag	attaaatgtg	caaattcctt	gaaagacaca	aattaaaaaa	240
tgacctgaga	agaaaagaaa	cttgaataga	tctgtatcta	ttaaagaagt	tgaaattata	300
attagaaacc	ttttgaacat	tagaactcca	ggccccctgt	tgtgaattct	atcgaacatt	360

taaagtagaa	gtgaggccaa	ttttacataa	gctcttttag	acaataaaga	aggaaacatgg	420
tttatgtgat	tattaccttg	atgttaaaac	cagacttaag	accttacaag	gaaagaaaac	480
tgcagttact	catgaacata	gatgcaaaaa	tacctaataa	aagtttagca	aattctatcc	540
agtaatatat	aaaaatgaca	attcatcatg	ttcaaaggg	ggttatttta	agaatataag	600
ggttgcttta	acatctgaaa	gtcagtcagt	attaattaac	catactggta	ttaataacct	660
agnaaaacca	ttttggagca	tttcaataga	tgcagaaaaa	gaaatttgac	aaaaatggcc	720
cat						723

<210> 2894

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (738)

<223> n = A,T,C or G

<400> 2894

tacaagctct	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	aggagaggcc	60
atggcccgcc	agaccgtant	ctcagacaca	gagctgagta	ttgttgaatc	atctgtgatc	120
agcttgctgc	aggaggcaga	aagtaaatct	gaacttagtc	agaacatctc	tgccccggaa	180
cattttgtat	ttaccgatat	tgatggccaa	gtgtatcatc	tactgttgga	aggaaactca	240
gtaaaagaca	gtgctcggat	tccaccagat	ggaagtatgg	gtagtattac	ctgcatcgct	300
tggaagggtg	atacattagt	gcttggagat	atggatggaa	atttaaattt	ctgggacttg	360
aaaggcagag	tatccagagg	aatacccaca	caccgaagtt	gggtgaggaa	gattcgtttt	420
gctcctggta	aaggaaatca	aaaattaata	gcaatgtaca	atgatggagc	tgaagtgtgg	480
gatactaaag	aggttcanat	ggtgaacagt	ttaagaagtg	gcagaaatgt	gacctttcgn	540
atattggatg	tngactgggtg	tccgtcaaatt	aaagtgatct	tggnctcaga	tgatgggtgc	600
atcaaaagtc	ctanagatgt	ctatgaagnc	tgcgtgcttt	anaatggatg	aaccaagagt	660
taccgancc	ttgtntgggg	ccccctatct	ccttgttnca	agggcctntc	ttgccttgaa	720
agcccttttt	attacacc					738

<210> 2895

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 2895

gtttaagcag	ctctngttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagggga	60
cgtccangat	caagaggcca	gcagattcgg	actccgctga	gggctgtttc	ccgatccata	120
gatggtgctt	tctcgctgta	tcctcaatgg	tagaagcaca	aacaagcaag	ctccttcctg	180
cctcttttat	aaggactcca	accctgttca	tgagggtctt	gcccccatga	cccaatcagc	240
tccaaaggcc	ccacctccta	atactgtcac	cttgggggtg	agaattccaa	tgtgaatttg	300
cagggggagt	gggggacaca	cacaaatttc	ggggccatac	cacccttcac	cacaccctcc	360
tgcgctcagg	gtggcttgca	gtccctggcc	cttctggtgg	gcatttggtg	tgtcctttct	420
cttgggggtga	tttctgatgt	ttttactcta	tatagtgaag	agctagggag	agcgggtctt	480
ctccccctc	cctctccagt	cccctcaca	tcccagatgg	gttctaattgc	agctgctggg	540
gcctgatgcc	ctgagttggt	tgtgattcaa	taaagaatcc	ataagaaaaa	aanaantncn	600
tnnnnnnnnn	nnnnnnnnang	naannnnnnn	nnnnnnnaaa	nggnnnnnnn	annnnntnaa	660
nnnnnnnnnan	nnnnnnnnnn	ntnntnnnnt	nnnnnnnnntn	nnnctcnnnn		710

<210> 2896
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 2896

gtnatgttgc	natgctnttt	gcaggatcca	tcgattnggg	aaccaggggc	tgcagaaccn	60
gcccntcccc	aatgaggacc	ccctntggac	gcccctcccc	atggagaaca	ccaggagcca	120
cagaccccag	accacagagc	acacagggga	gggcacgggg	cggccggggc	aggggtgtctg	180
ctgcctcggt	tatgggattt	gctccgcgtc	tagcacactg	ctgcctgcag	tgtcctgtc	240
ccctgcagtg	gctactctgg	gcctacgggc	ctaatacctg	ttggcatgaa	aatgtcctga	300
ggctactgtg	acaaatttcc	acaagctgag	tggcttaaag	gaacacattt	gttctcttac	360
agttgcaggg	gccagaagag	tctaaaaaca	gtcagcaggg	ctggttccnc	ctgnaggctt	420
ataggggctg	aatccggttn	ctgncttttn	tagtatctgg	agggcgctg	catccnctng	480
cttatggccc	ctttcatcac	caaanccagt	ngtgnacat	ctttccacct	nttcttgacc	540
ctgacctncc	ccctttctct	taaaaggacc	ntgtgtnact	ttgggcctac	ctanntnatt	600
tagggtat	antatttaag	gaacctgna	ttttaatncc	actggcnagn	accttttgcc	660
aggtnaagng	acaaattcca	agggttttag	gatnaaaant	gg		702

<210> 2897
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 2897

gtcaaagctg	ntctcgatg	ctgcggaccc	tncatgnncn	agtgccttcc	gnaattgacc	60
cangctggga	gctattnaca	catgtccatg	tgggatanag	agngcatgan	agcncannan	120
cccancctgn	tggtnacact	tgtcatctg	aggncctnacc	tggatancan	anacctaate	180
catggggacn	nnaancacct	aatgngetnn	tntgtaacca	tccnnntggg	tgaatnaccn	240
gaggncgagg	antngacnac	ctctgtgacc	caactctggga	tnaannggtg	ctantataan	300
tcgntgctgg	cttgactcct	gtgcctaagt	gacccctctg	ccttnactng	ngactagtna	360
ggactannng	ncnacaccgg	cacacntggc	taattgctta	aantcncann	nttntnnntg	420
ganacgggan	nnantngngn	acgncnangn	tggncatgaa	cttttggcct	taagcagacc	480
ttctgntgcg	gcctnntaaa	nngnnnggat	tgatccnctn	agncnnnncc	atggcncata	540
nnattancta	naggtttaat	nttaggtgan	tttnaccgta	tattgaaatg	cncaantctt	600
aactgccagc	cnttaaagaa	ntccnatnga	gatgtaatcc	atatactnta	gaaanntgtn	660
catanttcac	catgcnttat	ttgnagggtg	accanttcen	gggttat		709

<210> 2898
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)

<223> n = A,T,C or G

<400> 2898

ngttaagana	cagctctgtt	ctttttgcag	gateccctcga	ttccgaattc	ggccccgaggg	60
ctattaaaaa	tgtaatcagt	gtgaaaattc	atgccatctg	aatcgtacga	gtatgtaagg	120
gatttgagtt	ccttacagaa	ttttctgtaa	tttagtactt	caagtgactt	ataaatgtat	180
atacttctct	ctcacaaaag	tgttaggaga	aggaaaatct	taaatactag	cttgatttct	240
taatttaata	acaaaaaaca	attctcataa	catgtatcac	ctaacatgtc	actttcactt	300
taaaagtcta	aagagttgag	gtttatttct	tttcttttaa	agttgatgtt	tatgttggtg	360
atttcgaaaa	gatcagatcc	cccgttatga	aggatcttaa	ccttgtcttt	tagatctcca	420
tgagaaatgc	agtacatgta	gcattagcca	tattttcttt	ttagaggcct	atgtaggata	480
tttataacct	gtaaaagttt	gatgacttca	tgctcaggag	aaagcaagta	attacctagc	540
caagccaggt	gggtgttcag	gttagtggtg	aacagaaagg	agatgttgaa	agatttcata	600
tctaaagggt	aaaaacacan	gagaagtata	tagagataaa	catgtaaagt	ataagactgg	660
tacatagtaa	gctcctncga	agtggcagcc	attggtatta	tttttctgg		709

<210> 2899

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2899

tgtntatagc	ggctctcttc	tttttgcagg	atccctcgat	togaattcgg	cacgagctct	60
caaataagaa	tgggagataa	gaantatatc	tgtgcaatat	taaattgaaa	aanggnaccc	120
ataaaaagtg	tcaaaggcaa	ataatttgct	ctagatcaca	aaactagtta	gcacaaggct	180
aggattataa	ccaggggtcta	ggaaaaaatc	ctgaagggtga	tttaactgag	tgtagggccc	240
tgtcaagcca	cctgctaagg	ctcatgggtc	ttcagactag	cttcaacatt	ccaaatcagg	300
caatagctac	aacgggaaaga	taattggacg	gggaatcctg	agatcagagt	cctagtttgg	360
ctttgtctct	tgtagcagga	ttttttaaat	caggggcagc	tctcttntcc	catcccagcc	420
atgaatcttt	caaccttagt	ggtcaccaac	ttgactccat	tccttatatc	aagccttgct	480
ctgtcaattc	tccctttaa	gttaagttgc	atccatttct	aaatatatcc	atggccatca	540
ccctagttaa	aagactatta	cctnacaccc	cgcnccttga	tcttcccccn	ncttttaagt	600
gactcaattc	cttatatnac	tgcncnaaga	ttaacanccn	tgtccatctt	tcatttctct	660
gctgaaagat	ntcanggggt	cccctgantc	caaatanng	ttcgatccct		710

<210> 2900

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2900

gnttntcaag	tgacangann	agctctgggtc	cctcgattcg	cagaaaacta	gcagggttaca	60
ttttataggt	tattgtagtt	ttatttacca	aatgatattc	tctaaatcac	ttcgaccaat	120
aatgtatttc	tcctccttaa	agcagagttg	tatcaactct	gtgggagcat	ttatgagctg	180
tcagtcccca	cacttctagc	cagaatcaca	ataagggtctg	gctgggtgtg	gggtgctgca	240
taggaaagg	tctctggaga	agcaagaagg	gcacaatcat	ggccactgc	tccccctctc	300

ttctcagtgc	tctttgccct	ctcctgctgc	gtgcttccct	ttcactccag	tgctgatect	360
cctgctctct	ctggcagctt	ccacctcacc	cgccccctct	ccacactata	accagtatgg	420
ttggtgctgg	ggcattgact	cagccccctt	gctttctgca	tttgtaatag	atattaatat	480
gatttcctaa	aacagaagat	tttgttgctt	tctttgaact	tgtattgaaa	accatacagt	540
ctcactgttt	tgctttaatt	cctatccaca	ctataaatgg	aagaaaaaaaa	ttaatagctt	600
ctgtttaatc	tgatgaatgt	ggcttttttt	cccttcactt	taatgttcaa	gaagttggng	660
gctatttcat	agattcttct	ggattaatct	gggggtccct	ggtatctg		708

<210> 2901

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (709)

<223> n = A,T,C or G

<400> 2901

tttttacatc	agctcttggt	cttgcaggat	ccctcgattc	gccgnattgg	gctatggaat	60
tggaaggcct	gttttgaggt	actctaaatt	aaaaaaaaagt	tatatttgta	aaataaccac	120
cacaagattg	cctgattcac	agttcttctg	agtattggcg	taggtaatta	tttaagatgt	180
ttgataaatt	gtaaaatgct	ttttacattt	tttaaggaat	caattgaact	actggaaacc	240
agtatgtagt	attcttggca	ggtctagggt	tcataatcct	aatttctttg	cagcccacta	300
ttcagaaatg	tagtgattaa	cagagtcaag	aatgtttcag	gatatttttg	gctacaagta	360
acaataccta	actaaaagtg	acttaaataa	taagcagttt	gttatttcac	agaatgagaa	420
gctcagagcc	agagagttac	agggttgggt	cagcagttca	gtttcatcaa	gaacataaga	480
cttgcttact	ttaaagctcc	tctgcatgtc	agcagagggc	tgccccaatt	ttagatacca	540
acatctggcc	aaagaagagc	agggaatgct	tctttaagta	cttattaggg	agcaaaaactt	600
ccttaaaagt	ctcataggag	gtttttcctt	aggtctcatt	ggatctcaat	ggctcttgca	660
tctagaaaaa	ggccacattc	cttactctgg	catttaagtt	tttataccg		709

<210> 2902

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 2902

ggctnnttnn	ccttgtnct	ttntgganct	nnctgatccc	tcgattcgaa	ttcggcacga	60
gaggagatng	ggacagagca	tcctaagatt	caggagnttt	tnctagtcac	agggagcngt	120
gctattcaga	ggccccaagg	tnnganggag	tttggntctgt	ccaaggaacg	caagaagggtc	180
antgcanctg	angcanagta	agtctgaang	agagaggtca	gggctgagat	canggaggtn	240
gtctgaggcc	cctctgaggg	ggacctgata	aangggtttg	aattcattnt	gaantgtaat	300
angtccatat	tagaagcana	aactataaaa	ggagttangc	tgataaacct	agggntcata	360
acagcacgaa	aaaggcaata	gataatanga	cacaagcaan	aaaaaattca	cgtgattaaa	420
ataatacact	tgcagagctt	acaaagagaa	atgtnagtna	tccaggaaat	ctantngcat	480
ctaagncttc	attcatctta	ccagataaat	gaaatgctna	aatntnagtt	gcttgcatat	540
ntaacacaca	gatattcttt	tatatacaca	cattcatgtc	ataaancatg	tgangnttat	600
cnanaagaat	tnanaatnct	tgtgatgagc	tttacttacc	ataggtcata	ttataatgat	660
taatgagggc	atttgaaatg	tatttcacct	atcttgagat	ttgcaanatg	ngtatgaaac	720
atgtcatatc	atnactatgc	actntaaaag	ag			752

<210> 2903
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2903

gtcttcttca	agatgnancc	ctttcgncn	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagaccatt	ttattttttg	ggccattacc	ctttaccctt	tattgctgcc	aaaaccacat	120
gggctggggg	ccagggtctg	atggacagac	acctccccct	acccatatcc	ctcccggtg	180
tgggtggaaa	acttttggtt	tttggggttt	ttttttttct	gaataaaaaa	gattctacta	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaactc	ganccttta	300
aactntagng	agtcgtatta	cgtaaatacca	gacntgataa	gatncattga	tgagtttgga	360
caaaccncaa	ctagaatgca	gngaaaaaaa	ngctttattt	gnnaaatttg	ggatgctatn	420
gcttnattng	tanccattnt	aagctgcant	aaacaagtta	ncancancan	tngcnttcat	480
ttnatgtttn	aggttcaggg	ggaggtgtgg	gaggtttttt	aattcncggc	cgcgnggcc	540
atgcattggg	cccgggtacc	annttttgtt	cccttnagtg	agggttaatt	gncctcttgg	600
cgtaatcatg	gcatagctgt	ttcctgngng	aaattgttat	ccgntcacia	ttccacacia	660
catacgaacc	cgggagcata	aagtgtaaaa	ccctgggggtg	cctaattgagt	gagctaactc	720
acattaaatt	gnggttgngc	tnactggcgc	ctttcaa			757

<210> 2904
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 2904

cttanacaaa	ntcntgtgac	ttgctctttt	tgcaggatcc	catcgattcg	ctcagattaa	60
gggtttgaaa	aacaaaccga	aaaagatggg	cttnataaag	ccagacttga	ttgacgttga	120
cttaatcaga	gggtcaacat	ttgccaaagc	aaaacctgaa	attccatgga	catctctgac	180
tcggaagggg	cttggttcgag	ttgtattttt	tccattgttc	agcaattggt	ggattcaggt	240
tacctcttta	agaatctttg	tttggctgtt	actactttat	ttcatgcaag	ttatagcaat	300
tgtcttatat	ttgatgatgc	ctattgtgaa	cataagtga	gtacttggac	ccttgtgcct	360
tatgctactc	atgggaactg	tccactgtca	aattgtgtct	actcagataa	caagaccatc	420
aggaaacaat	ggaaatcgaa	gaagaagagt	ttcgctcttg	ttgccagggc	tgagtgcaa	480
tggcgcaatc	tcggctcact	gcaaccgata	cctcctgagt	tcaagcgatt	ctcctgcctc	540
agcctctcaa	gtagctggga	ttacctgcgt	atgccaccac	acccagctaa	tttttttttt	600
tgaatttagt	agagatggga	tttcaccatg	ttaatcangc	tgatctagaa	ctcctgacct	660
cangtgatcc	acccgcctcg	gtcttccaaa	aggactgggg	attacaggcg	tgagccactg	720
gaccagccg	ctaaactttt	aataaggatt				750

<210> 2905
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 2905

cntnngnaga	ncctntttga	cnagcncttt	ttgcaggatc	ccatcgattc	gttttgccct	60
gctaaaatga	tgcttagcct	gaaaaatcgg	attnnactt	ctcaaattta	tttttccaac	120
tcagtaatta	aaaaaacatt	tacttcctgc	ctactgggtt	gtggaatatt	gtcaggatct	180
ctgggttcca	ggtgagggat	gcagaatgca	gggaaagaca	ggtcccctgc	cctccagaag	240
tcggtggcgc	cttttcagag	taacacacac	tggagcagac	ccctggaaaa	ggacagtcca	300
ctggtggacc	atgaccttgg	tcaaaagagg	gaccaggctc	ggcttgctca	ctgttttgca	360
cccaagaagt	atgtgctcag	ggaatgaggg	ggtagattc	ctcctcattc	attaccattc	420
ttactaggca	gaggcctcat	tgggattaaa	agacaggaat	gtaactctct	gcccactgat	480
agggaaatgtg	tggttgctct	ttgtatccca	ggggtgtgat	acctctttcc	tgtggtcact	540
ctgcacttaa	gatatttttg	ggcctggcac	ggtggctcac	gcctgtagtt	ccaacacttt	600
gggacgccaa	ngtgggcaga	tcacgangtc	aagagatcga	gaccatnctg	gncaacatgg	660
tgaaccctg	tctctactaa	aaatccacag	attanccagg	cgtgggtggca	agtgcctgt	720
aatcccactt	cttaggaaaa	ctgaggcagg	a			751

<210> 2906
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 2906

tttttaatcc	ttgctcttgt	tctttttgca	ggatccctcg	attcgcagag	tcaacatgga	60
gcatctcact	gtgaaatgat	ccatggattg	aaggatatgg	taaaatgttt	atagtttact	120
ttgaaagtaa	aataactat	gtcttggttt	tgaggatatt	ggatacaaaa	ctctcttcc	180
ttagggctac	tgagtcttga	ttcctgatca	tcagaaattt	caccagaaac	aacttgcttc	240
caatataccc	aattctatat	gaagaattca	tggagagtgt	actggcactg	gaagagtcca	300
gtgtttcttg	tatgcttgaa	aataaagtat	gtactgnttt	gaatgtgaaa	annnctatnt	360
aaananactc	nagcctntag	aactatagtg	agtcgtatta	cgtagatcca	gacatgataa	420
gatncattga	tgagtttgga	caaaccacac	tagaatgcag	tgaaaaaaat	gctgtatttg	480
cgaaatttgt	gatgctatng	ctttatttgt	aaccattata	agctgcaata	aacaagttaa	540
caacaacaat	tgcnttcatt	ttatgttcan	gttccaaggg	gaggtgtggg	aggttttcta	600
atnagctgtc	nactatnccc	nttgcnnntn	tatnncaccn	aatttttgnt	tcntttnaan	660
anaccctatt	tcnggcntn	gccctanncn	nggttnnaan	tgcnttcccn	tnaannnatc	720
ntncttgntt	tggccttccn	anaatgcngg	gan			753

<210> 2907
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 2907

gcntnnaaga	ccncttgga	aattcccctt	ttgcaggatc	ccatcgattc	gaattcggca	60
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cgagcagcgg cgaggtctgc gggaggcatg ntttttagct nnggacgagc gccggcgggg 120
ccccgcggca ggggagcagc tgcagcagca acacgtctct tgccaggtct tccccgagcg 180
tctggcccag ggggaatcccc agcaagggtt cttctccagc ttcttcacca gcaaccagaa 240
gtgccagctt aggctcctga agacgctgga gacaaatcca tatgtcaaac ttctgcttga 300
tgctatgaaa cactcagggt gtgctgttaa caaagataga cacttttctt gcgaagactg 360
taatggaaat gtcagtggag gttttgatgc ttcaacatct cagatagntt tgtgccagaa 420
taatatccat aatcaggccc atatgaacag agtggnccaca cacgagctta ttcattgcatt 480
tgatcattgg cgtgcccatt ccgactggnt accaaccatca gacatttggc ccngctcaaa 540
ggttcngagc tngctaaccn tanngggaga cngnnnaacn tggncaaatg anantantcaa 600
ngccacattt acggnncnan aacaacacca ccaaacttgg ngngcgaana nanannccct 660
ctttnnnatn cnggnnnnnn nngaacnnc aacncaanna anaagcctnn anaangcnncn 720
nnganccaan nnnnnnnnaa aannnnnnca ancncccnn nnnccntnnn nnaaggancc 780
c 781

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<210> 2908

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 2908

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ngttaagacc tgctcttggt ctttntgcag gatcccatcg attcgaanaa ttttatggac 60
ttctatggat atttcttgat gcttagagat ttgttttttt aattgcaaat gtgaattggn 120
tatttaacnaa tgctattaca tatggagcgg gctgtggtg tatggcacta ttcttggac 180
taatggtacc caggttccat tctctgctca gctcggtggc tctagacaaa gccctaaaa 240
tgctgtctgc ttcagtctcc ttaatggtga agtggaatg aatacctact gtcacttaac 300
tcatggagat gctggactga taattagatc atgtaatagc actttgagct gtattgaaaa 360
atatgttgtc tcaaattaag tagagtctat ggttttgnaa atataaatat attgccagaa 420
aatacatcac tgggggagca aaacatgtag accaaatata acagggatta gnaacatcag 480
taaacatagt tgggaaaaga tggcactaaa gaaagccaag aagaaagtgt tgctcttgtn 540
aaccaaataa aaaaaaaaaa aactcgagcc tntanaacta tantgagtcg attacgtaga 600
tnengacatg atnagatcat tgtgagtttg gacaaccaca ctagaatgca gtgaaaaaaa 660
tgctttattg tgaaattgtg atctatgctt tattgtacc 699

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<210> 2909

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 2909

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ggatccnatn gcnggatccc atcgattcga ancccgcneg agtctaggcn tganccattg 60
cncccanccc aggtttttta tnnnaannna ancntgctga gnntnnaang ngaaaagagg 120
ccagntgtgg tggctnctgn ctgnggnccc agctnctccg gaggtggtg catgaggatc 180
atttnngccc aggtcgcaat gcaanggcac nnatcacggc tttctgcate cttnacntgc 240
tgggcnggac acggagaccc tgtttatnaa ngatgaantg ctggagtacn caatngnata 300
tgnnanataa ntncaactnt nntaaagnan ctgtatatnn aatgagtggg agcanatntg 360
gcanactgtt aatngtacat atattgaaac tatagctttt acacttcttt gaccacaacg 420

```

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ggtatatgta ncacttgata tgatgcacaa tnngtgcacc anntatatnt ntgtcttntg 480
acntgggttt tgacnnagnt tcactntgcg tncagncttg angntgctac tnactgaaga 540
tcggngnaaaa atnntcnnct ncactggggnn gattanaana tatactggng ttatcantgg 600
aagaaangtt ntntacccaa annnntngaa ccctctttta aaaggattgg nttnnagtaaa 660
ttttaccgnt nggttccctt acnttntttn caggnttccn ttttggnnng agttttngnn 720
ccaaacccc 729

```

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<210> 2910
<211> 751
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

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<400> 2910
ganggctctt gttctttttt caggatccca tcgattcgta aatgttgaaa ttaactagac 60
aaagtagttg aagtcctgat gaaaagattg ttcagttctt cttctcctgt agctcagaac 120
ctgtttggat catacattta aatgtagaaa tataaagctt ttagaagaaa acataggtga 180
aaacctacaa gacaaaactt ggtgaagagt ttctccatgt gatgcaaaaa catgatccat 240
agaagaaaga aatctgtaaa ttggacttta tcaaaattaa aaacatttgc tttgcaaaat 300
gccctgttaa gatgatgaaa aaacaaacta catactggga ggaaatactt gaaaactgct 360
tatctgacaa aggactctta tctaggatat ataaaaacta aaaactcaat agtaaaaagg 420
caaacagtcc aattagaaaa tgggcaaaaag atattcattt cgccaaaaag gttatacgga 480
tgtcagctga acacatgaaa agatgttcag catcactagc ccgtcagagg aaattgaaaa 540
atgacatatt acccacacac ctattagaac agttggaaact cttgcttgaa cccangaag 600
tttaaagacc cggcctgnaa caaccaccan gccaaaggaac cttgtcttaa aaaaaaatt 660
aaaaatttaa aaaaatttagc ggacccaatt ttggaaattg gcntgggcaa aaggaatttt 720
tgaaagaaaa atcangaact tcttnantna c 751

```

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<210> 2911
<211> 720
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(720)
<223> n = A,T,C or G

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<400> 2911
tgggnnnnnn ttntnnnnnt acangctact tgttcttttt gcaggatccc atcgattcga 60
attcggcacg agaagatggt tgattcttca gataactttt gaaatgtgct ataaagggcc 120
tagtttaaaa ggaacttctt ttgaaaagca attaacagtt gataaagggg taaataaaaa 180
ttatctagta aggaatttct tattggaatg taaacgtggt tctaatttta aatagacagt 240
gatataaaga ataaaaagta aacagtgaaa ttgagttctc cagggaaaag gcagacctgt 300
ttagtaaaaa aaggatgctt ttttcagtga tgtctttttt tgagtgcata tgtgtgtgac 360
tcttgaagaa atccatgttc agatttatca gatgattgaa gtgggtgttc tgaataaaga 420
aagctgtgag gcctgaggca gtgacgtatc aggaacata ttttattgga gatttggaa 480
ctatagtaaa acataatggc aataagccaa cttcccagtg gtaaaccac agtggtggtt 540
tagttactaa cctcttgatg accgaggagg ttaataattg gatattgcag agcagcaata 600
tgtaacctgt gtgtaatctc anggccctca ggttaacagt ttcagtnaga agctaagaga 660
acactgacaa aatttagctt accatgacta gctgccagtt ttatgtgggc ctgtgttccc 720

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<210> 2912
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 2912
 gnnntnnntt tttnnatnnac aggctacttg ttcttttttgc aggatcccat cgattcgaat 60
 tcggcacgag gtcagaatgg ggaaagtggc aggatgcagg caaacatggt cttaatttag 120
 agacagatga aggctcagga ctttcctagg cagataaaaag aagaaagaag ctgctttttg 180
 aaaagaggga tcaagattag gacaaaaagg gagattcagc catcagcaga acccaaataga 240
 gagcctacaa agagacactg tctactcaga gtacatcttc agacatccag ggtcccaagc 300
 tactgtgttt actgttagcc cttagccatt gttaagtctt actgctttat aactcttctt 360
 taagaatata ttaatatga aattacttac tcctatatat acaacgaatc cttaattatc 420
 aaaaacattt atagtcatca cctcatgatt cagtttgccc ttctctagtc caaatgaatt 480
 gaagtaggaa ttcataggac cgttcctagt gaagaaagat tttagtgtta tttaaagaaa 540
 gtaaaaagta tattctcctc tgatagaaat ttctattctg ataataattt atttgnatct 600
 ttttttaatg tcatggcaag aaatgcaagt tgatgggcaa gggacaatgg ctnacacctg 660
 taatcccaca ctttggggang ccnanaatggg ctgatcacct gaggcaggag ttccn 715

<210> 2913
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 2913
 gttnnnnntt tntnnntana caggctactt gttctttttg caggatccca tcgattcgaa 60
 ttcggcacga gggcatctgg actaatagtg aaagagtggg atagtgtgaa actgcatgct 120
 acagttatga atacactatt caggaaagac cccaatgttg tttgagaact tctactttgg 180
 ctccctaaag ctgaattcaa ttcacatctc tcagagggtc accgtagaca gctttggaaa 240
 ctacgcttcc tgtggacaaa ttgacttctc ctgagggtgg tcttggaag cactagaaac 300
 taaacatctt caccaggtgc tgaagaaaag tgtcttcgtt ttaattgcc aagcanggatg 360
 tggacatttg gatgggtgact tccctgggtg gntccccata gattcaccat tgcctctaat 420
 ggtgtctaca cccgtcatac taccagctga gatgggtggg ggcataagga gaatttgtgc 480
 ctataccctt agtgggtctg gttttttctt ttaattntta aattgtcnta aaatctcata 540
 aaacatactg ncttcacat ttttaaagtg cacagtttan taaccgttac tggtaatcct 600
 tcataatgct gtgtggcccg nnancccggn catnttcata ggcttctcac ttggnaaaat 660
 gggaaactggc ccattaacaa gaattccact cctccaaaaa aaaaa 705

<210> 2914
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)

<223> n = A,T,C or G

<400> 2914

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gttnnnnnntt cnatatngac aggctacttg ttcttttttgc aggatcccat cgattcgaat      60
tcggcacgag aatatatcac atcatgtaat aagcctctca gagatgtagc attgagcaga      120
ttaaggcctc atttatagaa gaattccacc ctggccatgt gggcctgaaa ctctggaggg      180
ctttaacaat gtcttgaggt cattgtcatt taaagagatg actcantggg tttatttagt      240
agaaataaat actaaataaa taatctccac agattatcca gaggggtaag ttgaaggatg      300
ttgacagata actcagtaaa ttgcgtctca aatattaata agtttattct atgccagcac      360
caaaaatatt tcagagatgc ttttaggctt ctctcaagta tgtcgggaac agaaaaggat      420
tatagaaata tttatagtag gcataaactt gcacaaaagc tcaaagtacc ttaagcaagc      480
ttgttgcaat tattcttttg gagaactgga ttaagtaatt atttcttggt gcctctgact      540
atttaacctc ctactaaact gccattgnt taaatgtctc ttatttagct ctgnttttat      600
cactccttaa atttaatat ctcaaggcca aaattatagc antgatgggc angacatctt      660
tgaagacaat tanattctga gaggataatt tatatgtana attaggaata ttcn          714

```

<210> 2915

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 2915

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tgtntatagc ggctctcttc tttttgcagg atccctcgat tcgaattcgg cagagctct      60
caaataagaaa tgggagataa gaantatatc tgtgcaatat taaattgaaa aanggnaccc      120
ataaaaagtgc tcaaaggcaa ataatttgct ctagatcaca aaactagtta gcacaaggct      180
aggattataa ccagggtcta ggaaaaaatc ctgaagggtga tttaactgag tgtagggccc      240
tgtcaagcca cctgctaagg ctcatgggtc ttccagactag cttcaacatt ccaaatacagg      300
caatagctac aacggaaaga taattggacg ggggaatcctg agatcagagt ctagtttgg      360
ctttgtctct ttagcagga ttttttaaat caggggcagc tctcttntcc catcccagcc      420
atgaatcttt caaccttagt ggtcaccaac ttgactccat tccttatatc aagccttgct      480
ctgtcaattc tcccttaaat gttaagttgc atccatttct aaatatatcc atggccatca      540
cctagtga aagactatta cctnacaccc cgcnccttga tcttcccccn ncttttaagt      600
gactcaattc cttatatnac tgcncnaaga ttaacancn tgtccatctt tcatttctct      660
gctgaaagat ntcanggggt cccctgantc caaatannng ttcgatccct          710

```

<210> 2916

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (717)

<223> n = A,T,C or G

<400> 2916

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gnngccttnt gtanangnta cagctacttg ttcttttttgc aggatccctc gatnngcagt      60
cctctgcata aagctgagag atgcctacag ctgagagtga agcaaaagta aaaaccaaag      120
ttcgtgggga agaattgctt aagaccacac gtgatctaata gcgtgaaaag aaaaaactga      180
agaaaaaact tgtcagggtc gaagaaaaca tctcacctga cactattaga agcaatcttc      240
actatatgaa agaaactaca agtgatgac ccgacactat tagaagcaat cttccccata      300

```

ttaaagaaac	tacaagtgat	gatgtaagt	ctgctaacac	taacaacctg	aagaagagca	360
cgagagtcac	taaaaacaaa	ttgaggaaca	cacagtttagc	aactgaaaat	cctaattggtg	420
atgctagtgt	agaggaagac	anacaaggaa	agccaaataa	aaaggtgata	aagacggngc	480
cccagttgac	tacacaagac	ctgaaaccgg	aaactcctga	gaataagggt	gattctcaca	540
ccagaaaaca	catncaaagc	ccagccaggc	gttgatcatc	anaaaagtga	gaaggcaant	600
ganggaagag	angagactgt	tttanaagaa	gattgaanaa	ttgntgcagc	cttttcantg	660
ncatgtnact	ngaagnaatg	ggcaaaggag	attnanaggg	gaattnnnaa	anancnc	717

<210> 2917

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2917

atthttatgct	tgtctgttct	ttntgcagg	atccctcgat	tcggctgggc	tagcagaaaa	60
acctcaggca	tctgtgagga	catgagttta	cacacgctga	gactcacaga	tncaaaaatg	120
caacccaatt	ccacccctga	attgagggga	gtgcatagaa	gtgaatgtcc	cgtctttctg	180
aggtctgttg	atthttgta	tagtaaacga	aggggtgcatt	tctgattttt	ttttcttctg	240
tgctagaatt	cattgctagt	aaaactcaag	ataatagcga	tgagtaggag	gtatcaaaga	300
tgaactgtag	agggacagtt	taagttactt	aagaatcgtc	agcaagatga	aatctacttt	360
tagcagaaat	tgggtttttt	tgtgtttttt	tgttttgttt	tattttctaa	aagtaaagtc	420
tgcacctgtg	tcagcctgtt	agtggaggtc	tgagcaagta	aaagatgggt	tggattataa	480
acttacaac	acaggatgtt	ctgtttctca	aacgggagaa	attaagaaga	gatgcttgta	540
ttcaggagac	ggcatagcta	ctcaaaatcc	ttgatattct	gctatgggta	gtcttggtcca	600
actgtgctat	gtgacctact	atggctttat	gangtaaat	tagtatatgt	gtcactatth	660
gaaaattttac	atatagttat	acataatgna	tttaagnngc	nanngnacng	aancctnggn	720
gnnaanattn	gnncctnnn					740

<210> 2918

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 2918

cttnnaatnn	cagctntggc	tacttgttct	ttntgcagga	tcccatcgat	tcggtcagat	60
ggtagaaaa	gaaatantta	aatagatacc	atntgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtctcact	ctgttaccga	gggtggagtg	cagtggcctg	180
atcttgggcg	actgcaacct	ccgccttctg	ggctcaagtg	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	atthtttagca	300
gagaggggat	ttcgccatgt	tggctcaggct	ggttttgaac	tcctgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccanaa	420
ggagtgtttt	gagaatggct	aanagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgncgacctc	atthagtcta	atthttttcc	540
aatggcatga	gtataggaag	ataaacgggg	aatgttttga	agtaataaaa	aaattccatc	600
cataaagaag	aacaacatgt	attaagcttt	gtgcaccaa	caacacaaca	ggaagacaca	660
taaggcagaa	ccttttanaa	aaaaaannng	gnnnnccaaa	nagcaggtnt		710

<210> 2919
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2919

cttnnaatnn	cagctntggc	tacttggttct	ttntgcagga	tcccatcgat	tcggtcagat	60
ggtagaaaat	gaaatannta	aatagatacc	atntgagttc	tgggagccag	gtgaagaagt	120
gtttgtttgt	ttttgagacg	gagtctcact	ctgttaccca	ggttgagtg	cagtggcctg	180
atcttggegc	actgcaacct	ccgccttctg	ggctcaagtg	attctcctgc	tccagcctcc	240
tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	attttttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tccctgacctc	aggtgatctg	360
cccaccttgg	cctctcaaag	tgctgggatt	acaagcgtga	gccactgtgc	ccggccanaa	420
ggagtgtttt	gagaatggct	aanagaagat	agggtgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgncgacctc	athtagtcta	atatttttcc	540
aatggcatga	gtataggaag	ataaacgggg	aatgttttga	agtaataaaa	aaattccatc	600
cataaagaag	aacaacatgt	attaagcttt	gtgcaccaa	caacacaaca	ggaagacaca	660
taaggcagaa	ccttttanaa	aaaaaannng	gnnnnccaaa	nagcaggtnt		710

<210> 2920
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 2920

gttnntngat	cagctcttgt	tcttttttgca	ggatcccatc	gattngaatt	cggcacgagg	60
taccacatct	agatacgagg	tcagagttca	gatgcctaaa	tattgtagct	tgtgtttngt	120
ccactgttgg	gggaagagtg	aagagatttg	acataccata	atgttgatta	gcttgtgatg	180
gtttggcggc	agcttagggc	agagcataaa	gtaaaaagga	aaagtgttca	cagacaatga	240
aaactgggac	caagtgggtga	atactcaagg	cacacagacc	angcaaggat	cccagtggcc	300
gtggatgagt	ctcaggctgg	ctctggggcca	ntggaacaca	cctcagtgtg	ggtgaaggcc	360
tagccagggt	agcanagggc	agggctacag	aacagcagcc	cangtggctg	tggccgacct	420
gacattctcc	tgtgaaaatc	angtgcccaa	ccagcactaa	cctagataga	tggcancatt	480
ttntttcttt	aangacagga	tcttgctatg	ttgctcaggc	tgactttgaa	ctcctgncct	540
taaaggatcc	tcctctcttca	gcttnccaaa	ncaactgggt	tacagatgtg	agcccttcaa	600
cgtnagtgcc	atngggctan	aancctaacc	ccncattgct	tgntgatcgt	nacgctcgna	660
atcnntttna	taaacggntn	tncaancctt	gagcttttcc	gggttaagna	ann	713

<210> 2921
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(702)

<223> n = A,T,C or G

<400> 2921

gttactcctc	tnanatcagc	tacttganga	tccctcgatt	ngaattcngc	acgaggcgat	60
ttatttnaca	gagttaaggg	gccagtacac	ttnatggtat	aaaattatct	ttntcagggg	120
atgaaggcac	aaggagaaaa	ttacttgaag	cttgagagac	ttctctggca	agcaatttac	180
aaattctggg	gttcttngat	ctggctcccn	gccagacaa	ccanggagtt	nttnatgttc	240
tatcctcatg	tgannnact	atacgcaata	attngncntn	ngccatanag	gagggatccg	300
atanntgaca	tngctntccn	ncanatatac	tnncntgna	atgnnnctna	taatgcatnn	360
nntnnattcc	tntctaggnt	acnncnnant	atatntnntn	ggnaactcat	ttaacancaa	420
nttcacngca	ttcccntggg	gttacatata	cnctnaagac	tatgctgana	ctgtgcacca	480
tgntacatn	ngggaattgg	atgggggtgct	tnacggactn	ccttgatgc	aagnacttac	540
cagacgtttc	canccaanct	gacattgntg	naatgcatta	cncacntggg	gntncaantt	600
tactacacct	cganaggacc	gttcacnggn	atttaacctn	tcaaanatng	ttcnnanggt	660
tacaaggtcc	ccaattgtnn	ganccttggg	gctttgncaa	cn		702

<210> 2922

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 2922

anacnnttta	nnctngttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagggtat	60
actttgacac	tgagaacaaa	gagacagtta	tatctggaat	gggagaatta	cacctggaaa	120
tctatgtctc	gaggctggaa	agagagtatg	gctgtccttg	tatcacagga	aagccaaaag	180
ttgcctttcg	agagaccatt	actgcccttg	tcccgtttga	ctttacacat	aaaaaacaat	240
cagggtggtg	aggccagtat	ggaaaagtaa	taggtgtcct	ggagcctctg	gacccagagg	300
actacactaa	attggaattt	tcagatgaaa	cattcgagac	aaatattcca	aagcagtttg	360
tgctgtctgt	agaaaagggg	tttttagatg	cctgcgagaa	gggccctctt	tctggtcaca	420
agctctctgg	gctccggttt	gtcctgcaag	atggagcaca	ccacatgggt	gattctaattg	480
aatctctttt	catccgagca	ggagaagggtg	ctcttaaaaa	agccttggca	aatgcaacat	540
tatgtattct	tgaacctatt	atggctgtgg	aagttgtagc	tccaaatgaa	tttcagggac	600
aagtaattgc	aggaattaac	cgacgccatg	gggtaatcac	tgggcaagat	ggagttgagg	660
actattttac	actgtatgca	gatgtccctc	taaatgatata	gttgggnt		708

<210> 2923

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 2923

gnnnnnnttct	aatgcnnngc	tntnttgcag	gatcccatcg	attcgctccc	attccccggaa	60
ggaggagaca	gttactgtct	atccccgaga	cggtgtgctc	tttgaaggga	tcctggggca	120
gaatgaggtg	gactatcgcc	agaagcaggt	ggtcatcctg	agccaggata	gcttctaccg	180
tgctccttacc	tcggagcaga	aggccaaaagc	cctgaagggc	cagttcaact	ttgaccaccc	240
ggatgccttt	gacaatgaac	tcattctcaa	aacactcaaa	gaaatcactg	aagggaaaaac	300

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agtccagatc cccgtgtatg actttgtctc ccattcccag gaggtacgag acctgttcca 360
gatgaagctt tttgtggata cagatgcgga cacccggtc tcacgcagag tattaaggga 420
catcagcgag agaggcaggg atcttgagca gattttatct cagtacatta cgttcgtcaa 480
gcctgccttt gaggaattct gcttgccaac aaagaagtat gctgatgtga tcatccctag 540
aggtgcagat aatctggtgg ccatcaacct catcgtgcag cacatccagg acatcctgaa 600
tggagggccc ttcaaacggc agaccaatgg ctgtctcaac ggctacaccc cttcacgcaa 660
gangcangca tcggagtncg gcagcaggcc gcattgaccc gtcttcacgc gaccc 715

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<210> 2924

<211> 724

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(724)

<223> n = A,T,C or G

<400> 2924

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gggnctttan atctataggn tacaggctac ttgttctttt tgcaggatcc catccgatgc 60
gcaagtaaga aaacatggcg gctatccttc tctcacatcg aaaaggaaat tttgaacaat 120
catggaaaat ctnggncgtg ctgngaaaac anagaagaga aatggtgcag gaaagattgt 180
ttaanactaa tgaaatacct tttagaacag ctganagaaa ggtttaacng acaaaaanca 240
tctggataaa tnnctctctt atcatgtgaa aactgccttc ttnacntat gtncccagna 300
ccctcaanac agtcagtgng accanacnga nctggncctn tgctttgana actggatgac 360
attcttgntn nattgcctna ggtcagatnn acttgagaat tagttcatcc nnncttcaat 420
ctatcctctt gcagaattnt ttgacatnta cntcagcaat ntttgctnta ncanagnccn 480
atgtaggata tctatgacct nncanngttt gatgantncn tgcnnctgna tnnnncgaga 540
gatntcctaa cnatnncann nnntaanttc tgggtantgt caacagattg gaaaaagggg 600
ccagantgtg gnctnaangg ttaaaaancnc aggannagta ttttnctgta acatgnaaan 660
gnttangact gttcatnnnt tgntcctccg aaantgggca cccnttntta ttnattccnc 720
tgcg 724

```

<210> 2925

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2925

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ggtttanttt aaatecntnc ncagctactt gttctttttt caggatccca tcgattcgaa 60
ttcggcacga gcggacccat cggagcgtaa cctggatctc cgcaggcctg gcggaggccg 120
gccacctgga ggggcattgc ttggttcgcg tgggtancaga ggagcttgag aatgttcgca 180
tcttaccaca tacagttctt tacatggctg attcagaaac tttcattagt ctggaagagt 240
gtcgtggcca taagagagca aggaaaagaa ctagtatgga aacagcactt gcccttgaga 300
agctattccc caaacaatgc caagtccttg ggattgtgac cccaggaatt gtagtgactc 360
caatgggatc angtagcaat cgacctcagg aaatagaaat tggagaatct ggttttgctt 420
tattatccc ttcaaattga aggaataaaa atncaaccct ttcattttat taaggatcca 480
aagaatttaa cattagaaag acatnaactt actgaagtag gtctttttaga taccctgaac 540
ttcgtgtggg cttgnctttg gttataattg ctgtaagggt ggagccagta attatctgca 600
gcaagtagtc acncttttca gtgatatgaa tatcatcttt ggcttggang ccantngaca 660
acctgncatt actgactttt tgaaaanaac cctctggata ttgatgcctc ggggtgtggtt 720

```

ggactgncat ttagtggacc ccgaatcc

748

<210> 2926

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (815)

<223> n = A,T,C or G

<400> 2926

tnaatanagc	tctngttctt	tntgcaggat	cccatcgatt	cgaattcggc	acgaggtctt	60
cctgtgcagg	gtgctttggt	agccatcaga	gaggaaccaa	gggcaacatc	ttttcttccc	120
aggcggtctt	ctctgggtgc	tttattctct	tctttttctt	tatttcgccc	ccacccccat	180
cccctgcctt	tntttttttt	ttttgtatag	aaacagatcc	atctcttggt	aatcaaagca	240
catttgtttg	gtcttcctcc	aaccctttgc	atctgatttc	ttaacattcc	ttcatatgcc	300
tttaatgaaa	gccagcantt	atcccatggg	ccctacttga	atctatctga	ggcagctaca	360
gattgccctg	caagatgagt	ttttggagat	aaatgaaata	actggacaca	cactcacaca	420
agtaacacca	cagcagacct	cggagtactg	ctaagtgtac	ctgtgtcaaa	tccgcacang	480
actcaatata	gcaattnatt	cttgatgtat	gcaatngccc	attggaaatt	atttttaaca	540
gagcncact	taattaattt	ggaataggat	tatataatat	tagaatcttt	ggggtatggg	600
ncctttaacc	cttcttncca	tgggggaaac	ttnttttccc	ttncctgaa	tgggtngaaa	660
ttgggaccat	ttttaaaaag	cctttgggtc	cggtgnaacc	ttttggcatt	acccatttna	720
aaccgnangc	cnccaggntt	tanagaaacc	ntgaaatttg	aagaaaaaaa	gggccccaat	780
nggncnttga	aattttttta	cccnatgggt	ggccc			815

<210> 2927

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 2927

tggnagtgnn	nnnnntttt	ataaagacag	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagcc	aggcttgaag	ttatctctaa	tttagaggtt	agggacagtg	120
acacaggaaa	gaggctctgt	gctttatatc	tggagatgtg	ggatcataaa	aacgtctttt	180
taatctgatg	atcattaaaa	cacccggtga	tgtggcacag	ctgctaateg	gaatacattt	240
ccattttctg	ggggattgag	catgtcttcg	gaaccctctg	caatagcttt	agaaacaaac	300
gttcctttta	tcaggtgaga	aaactaccct	atggcatgcc	tccggatatg	tagttcttcc	360
tangctacaa	aatatcagag	gttaacttca	ggcaaaatga	tnaaactagc	agtagtattt	420
cctattacta	tctgcagntt	gcttcaaaat	ttcaaaaagg	tttcngaaaa	atcactaaat	480
acgaagggca	cacttcattc	atctattcca	aggaatctat	ttggtgccag	acattgcag	540
gaattgtatg	gattttttaa	atgaaatggg	ggctctctct	taagcagacc	atggcaagga	600
aacttgaaaa	ctccgacgca	tccangggac	gaagactnac	atctacatng	agatactact	660
cgggattcac	aanacacgac	gtntccatga	cgctcgggtc	acacttgcat	ttttacctca	720
tgggatteng	gtcctctttc	atctaaaagg	cgnnggc			756

<210> 2928

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 2928

gnnggnnnnn	nntttttana	tcagctcttg	ttctttttgc	aggatccctc	gattcgaatt	60
cggcacgaga	ttgaactctg	aactttggaa	acctgaatcc	ttcaggaaag	agtttggtga	120
gcaggaagta	gacctagtta	attgtaggac	caatgaaatc	atcacaggag	ccacagtagg	180
agacttcttg	gatggatttg	aagatgttcc	aaatcgtttg	aaaaatgaaa	agaaccaat	240
ggtgttgaaa	cttaaggact	ggccaccagg	agaagatttt	agagatatga	tgccttccag	300
gtttgatgat	ctgatggcca	acattccact	gcccaggtac	acaaggcgag	atggcaaact	360
gaatttggcc	tctaggctgc	caaactactt	tgttcggccca	gatctggggc	ccaagatgta	420
taatgcttat	ggattaatca	ctcctgaaga	tcggaaatat	ggaacaacaa	atcttcactt	480
agatgtatct	gatgcancta	atgtcatggg	ctatgtggga	attnccaaag	gacantgtga	540
gcaagaagaa	gaaagtcctt	aagaccattc	aagatggaga	ttctgacgaa	ctcacataaa	600
gcgattattg	aaggaaagag	aaccnagcc	tgggcacata	tttctgcaag	gcacgagaaa	660
tagggatttt	taaaagnnta	gaaacagnca	aaaaccacna	ccatctatnt	ga	712

<210> 2929

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 2929

ngnanaacag	nnttttnagat	acagctcttg	ttctttttgc	aggatccctc	gattcgaatt	60
cggcacgagg	ccaattccag	gccctcctcc	acgcagtgtg	ccaccaacag	acttctctca	120
actgattgat	tgtccagagt	ttgtaccagg	ccaagccttt	tgctcacata	cagagtctgc	180
cccaaattct	ccaagaattg	gaagccatt	gagcccaaag	aaaaacagtg	aaacaagtat	240
tcttcaagca	atgtctagag	gtttgtctac	cagtttgctt	gacttggact	cagaaccttg	300
gatagaagtt	aaaaaaagac	atcagccagc	cccagtgaaa	ttgagggaat	cagtgtctgt	360
ccctgaaggg	tcattaaatc	agctatgttc	ttcagaagaa	ccagaacaag	aagaacttga	420
ttttttgttt	gatgaagaga	ttgaacaaat	aggacgaaaa	aacacattta	ctgattgggc	480
tgataatgat	tcagattatg	aaattgatga	ccaagactta	aacaagattt	tgattgtaac	540
tcagacacca	ccttatgtga	aaaaacatcg	tggaggagat	cgaacaggca	cccacatgtc	600
tcggggcaaaa	atcacatctt	gaacttgcta	aagttatcaa	tgatggctta	tattattatg	660
aacaggatct	atgggtngga	agaagattga	aaccaaacc	acnngccnta	aaaggggcaa	720
ttncctgnga	aacgcccttt	ctcgnatga	aa			752

<210> 2930

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2930

gagngnnntn	ntttcnaatn	acagctactt	gttctttttg	caggatccca	tcgattcggt	60
atagctgtgt	cggctctagca	ttttctttga	agcatatgga	acatgtttctg	ctactcgaga	120
taatgaacat	ttcctttctgc	ctcaagggtac	aatcagttta	tgatcctggg	agagcaagaa	180
gcaaggagcc	agcaagtctg	gacacattcc	anaggccacg	aggggtttta	tgtcctgagt	240
cctggattcc	atccaagcca	tgaggggttt	tatgccctag	gcttaggttg	tagtgcggcg	300
gggcagcctt	ccacccttaa	gcacagaacc	tggtgttcca	taggccacaa	gaagttttaa	360
actctggacc	caggacatgt	tccaaggctc	ttttcatatt	atgtcagact	agcaagtctt	420
gcctcagctt	tnctcccaac	aattggactg	atgggttgct	ccactgggca	caagcatcat	480
gggttcttaa	aacaaggccc	tgaacaagca	ccaaatatgt	tcctgtcacc	acactncact	540
agcccttcaa	ctataaacat	gcataaggagt	cacctggggg	ccttgctaaa	taaaatgcaa	600
cttctgattc	aataagtctt	aaacaggacc	agaagattct	gcgtctcttg	gtgagttccc	660
nagtgangca	gacaatgccc	agttcacaaa	ctcacatttt	gagatacagn	acctgggcca	720
tttnggttcc	caatgtgctt	gataaccctg	g			751

<210> 2931

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 2931

agntgattcc	nantgaaagc	ccttgctcttt	ntgcaggatc	ccatcgattc	gaattcggca	60
cgagatggaa	tgtgcgttcc	acccctgtt	cagtctcacc	agtggggcct	gccggctgga	120
ttaccgcaga	cccagagaaca	ggagcttcta	cctggccctc	tacaagcaga	tgagcttctt	180
ggagaagcga	ggctgcccgc	gcacggcgct	ggagtactgc	aagctcatcc	tgagtctcga	240
gccggatgag	gacccctct	gcatgctgct	gtcctcgcac	cacctggcct	tgccggcccg	300
gaactacgag	tacctgatcc	gcctcttcca	ggagtgggag	gtcctcggga	acctgtccca	360
gctcccta	tttgccctt	ctgttccact	ggcgattttc	ctgctgagcc	agcagacaga	420
cctccctgag	tgtgagcaga	gctctgccag	gcagaaggcc	tctctcctga	tacagcaggc	480
gtccaccatg	ttccctggag	tcctcctgcc	cctgctcgag	tcttgcatg	tgccggccga	540
cgccagcggt	tccagtcacc	gcttcttttg	acccaatgct	gaaataagcc	agcccccctgc	600
cctgagccag	ctggtgaacc	tgtaccttg	gangtcacac	tttctctggn	aagaaccggn	660
caccatgaac	tggtggang	agaacgtnc	cganggtctg	caagcantgg	gatcccgga	720
cccagccgtg	ggaacctgtg	aagaaccggc	ggaag			755

<210> 2932

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 2932

ananatcage	tcttggttctt	tttgcaggat	cccatcgatt	cgaattcggc	acgagatgac	60
tgagtgtata	ccctagttaa	aatgatcagg	ggagacttaa	ctgaaagggg	taattgagct	120
agatttgaag	gatgaggagt	agcagactag	tcaaagaaag	ggagagaaga	acatacctaa	180
acatctgac	accagtgact	gagaaagtta	tcaggatcaa	gtggaaagag	aaaggactag	240
cagagttaca	ggttagagaa	acaggtaaag	gctactatgg	acggcataat	agttgcatcc	300

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catgttttgt ctcttaagaa cagttgcaaa ctattgaagg ttttaaagct gtgtgttggg 360
ccgggtgtgg tggcttgtgc ctgtaatccc agcacttttg gaggccgagg cgggtggatc 420
acgangtcag gagtttgaga ccagcctggc caatatggtg aaatnccgtc tctattaaaa 480
aattaaaaag tagcccaggc cgttgtggca tgccccctgt aagtcttcaa ctatttttga 540
aaangcttga ggcnaaaaag aaattcgctt tggaaccccc ggggaaagtg gaaaggggtg 600
ccaantggaa gcccnnaaaa atcgngncc acnttgcaat tcccaaacc cttggggccg 660
aaccnnaanc cnagaaaact ttnggtnttt aaccaaaaaa nnaaaaaaaa aaaggccctt 720
tttttngaaa acttttttan tnggaaggtn cnntanttta nccgttagna ttccccgga 780
ccattggatt tanggnattc ccantttgga ttgaaaattt ttngggaacc caaaancccc 840
cccaaacnt 849

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<210> 2933
<211> 855
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(855)
<223> n = A,T,C or G

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<400> 2933
nngtgancc nntttttat ncanacaggc tacttgttct ttttgcagga tcccatcgat 60
tcgtcaagt aggtttttat ttatttatta ctttatttta ttttatttta ttattatttt 120
tttttgagac agagtctcac tctgtcacc caggctggagt gcagtggccg gatctcggt 180
cactacaagc tctgcctcct gggttcacgc cattctcctg cctcaacctc ccgagtagct 240
gggactacag gcgcctgcc aatgtgcccg ctaatttttt gtatttttag tagagacagg 300
gtttcaccat attagccagg atggtctcga tctcctgacc ttgttatctg cccgcctcga 360
cctcccaaag tgctgggatt acaggcgtga gtcaccatgc ccagcctcaa gtaggttttt 420
aatgaatttc ttatactttt aaaatacaac attatggcan taaaagacta ttccactnct 480
tttctaactc ggagattgna ttgatttttc tagtggtaat tttctggctc atacctncag 540
taccaatggg tgaaataggg gggtttaaag taggaaaatt cttcgtncng gttttccaaa 600
actttgcagg aatnaaaggc ccccttangt ccatttttnc cccatttaaa ggcnnntant 660
aagccttttt nngggnggtn ggnaagtttt tttccaattc tttgggcntt caacttgggn 720
aanncccttn aaacccttct tttaaaagcc ttcnaaagtg ggaatccctt ncccaancct 780
tttaaactgg gccctggaaa atnaantttt gggggaacaa attaagggcc attggccacc 840
caaaccatg gcccc 855

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<210> 2934
<211> 727
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(727)
<223> n = A,T,C or G

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<400> 2934
nagttangnn gntttntann tctggttctt tntgcangat ccctcgattc gaattcgga 60
cgagancgat taacactnct aaagngtcaa gngctnnggt ntttnggctt agntgtgctg 120
ccntcngga anncatntnt ggggnaatgg tgnatacac ctcnattana aatnagcaca 180
tgatggntgg ncaccgtggc tcacgcctgt aatccngca ctttgggang ctnaggngnn 240
nggatcacct gangtcnga ntttganacc agcctgncca acatgnngan acctcatccc 300
ttctnmanat atanagaant agctngncat ggtggcgcac gcctgncntt nnagctactn 360
aagacgctgn ngcaggagaa nctnttgaac ccagtaggtg aaggttgcan tgagctnnca 420

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tcncaaccatt	gcaactccagc	ctgngccncn	agancgaanc	tctgtcttat	acatgcaaaa	480
annaggaggt	tggattactt	gaggatcatg	atnnaanatca	ntctgaccan	catngtgaaa	540
cncatcncct	ncttaaaaatn	ttaaattagc	cnttcatggt	gacctcacgc	ntgnantccc	600
atcttctggg	gaggctgang	caggagaatt	tctagacctg	ggangnngag	ttcagcngca	660
nnacggccct	ggatccacct	gggcacaaaa	cgaactntnc	tcaaaaagaa	attnaccctt	720
aaacttn						727

<210> 2935

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2935

ngnnggange	tnccttcagc	tcttggttctt	tntgcaggat	cccatcgatt	cgtctgggac	60
caataatgtt	ttaaaaaatat	attcatttga	gattcagaaa	acttgccat	catttgctac	120
tcctatcatc	ttaacagtga	agaaaactga	ggcctagaga	cattaagggg	gttgccaggtc	180
cagagacatg	tctcaagaaa	gcattgctgt	taaaatgtgc	agttcgtggg	ttttcagttcc	240
atctcttaag	aaaccaagtc	aatcttcccc	tcaggaaaaa	gaaaagaagt	agcaataagc	300
aatttggtta	tatcactact	tcttatcaag	gtaaaaaatg	cctcataatc	aggcataccc	360
atgggccttg	tttcacaaaag	gcactaagat	gaggcaatgt	aggccccaaa	aaacaaaaag	420
acagtttttt	ggagttgctg	agggtgacaa	ccctagtttt	atactttggt	aataccagtg	480
accttggaat	tacaagcttg	gggttaagaa	ctcaagggtt	cattaagact	ccctggaaca	540
ttctggaaaa	ccagcttttag	agtcttcatt	gaactcaaat	ctcagcacca	cagttaaatg	600
agtgagtcaa	aaagaacata	agttttaaaga	aatttaacca	nggaaccaga	tgtttctctt	660
cacaccacac	tgntttaaca	tccagtattc	gtngaccttt	ttctttcccc	caccatcctn	720
tggatttacc	ttaggctttc	caaaggcntt	aatgaaant			759

<210> 2936

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 2936

tgnnnnaatc	nctaattgna	ggctacttgt	tctttntgca	ggatcccatc	gattgggaat	60
tcggcacgag	gctattttgt	ttttgttgca	ctgttttttt	tgtttggttg	tttgttttatt	120
tggttggtct	tttgagagag	gaaatggggg	tgaaatattt	ttttattgtt	gaatcatttt	180
gtgaatgtcc	ccctcaaaaa	aagctaattg	aatattttgg	ataaagggca	tttggtgggt	240
ttatttttgt	ttgaggggga	ttgtcagaaa	atcccttttc	tctcttacgt	ctaactgact	300
agggaacaat	tggtgatatg	catagcattg	gaataactgt	cattatatac	tcttacaaat	360
aacacatgaa	gcaagaatga	ccaatattct	gataattggc	actggatcac	aaaatgtgat	420
aaaactttta	atgtataaaa	ctttatcaaa	taaantttat	tttccccctt	aaaatgtatt	480
ncttttagagg	cattactttt	ttaaaantat	tggtcaattc	ctgacatacg	atgtgaagg	540
tnacaagttg	gatttccnag	tattccaana	tnaanttcct	tgatttttca	attaaggcaa	600
aaacgtcaaa	atccccaaaan	ngntnnccna	taaacaaaaa	nttgcnnntn	tttaaaaang	660
gnttangcct	tttaaatann	gaatcantta	attentntat	nnngcntngn	nnttgnaaaa	720
attanccctt	ntnnntannn	tnccctttnt	nttaaatatt	nnnggtngnn	ctggaaaaan	780

atnngncccc ttgntanngg gcctccctng gcnnttanag aaaaacccaa ctntnngggg 840
gcg 843

<210> 2937

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 2937

aggtnnntaa	tnttctatac	agctacttgc	tntttccgcn	ngatcccatc	gatnngaatt	60
cnncacagag	atgacctcca	atgtggccag	cgacgagatc	gcacagcacg	cgctgcagct	120
gaggcagggg	gctttggaga	tgagccgtaa	ccgtattgcc	gaaaacctgg	gggatgtcca	180
nataagtgc	aagatcacca	tctcaanaaa	cttcaangan	aatgtgattc	accctatcct	240
gaaagctnac	ttccngangg	atgagtnctc	gggacggatc	aatgagatcg	tctacttctc	300
ccccctctgc	cactcggagc	tcataccaag	atcnnacaag	gaacttgaan	tnctgggncc	360
tnanaggcnc	ncnnnnngnc	aatnnnnatc	nnctcngtgn	cntnataaac	actgattctc	420
ngtntgataa	ntacgatana	cnatatcatt	ctgtnatacn	caaagangtg	ncaccanccc	480
tnttctcact	nttgantanc	tntggcngtc	tnttanggtg	atanagtgc	ccctannaaa	540
ntcccattnn	tacttgaagc	atacnttttg	gcnnaaaaac	naggttcttg	ntatcaatag	600
ctcctaanaag	tcnaaatnt	ncatttttaa	cnnnctgtta	naaatTTTTT	tcaagcnnnt	660
tantgannat	tcctaattga	aaaccttttn	aaaaacnaaa	cctttnaagg	taaaaannat	720
tnttnnnttc	ttttcaaaac	ntnttttnaa	cccaagnann	cnnct		766

<210> 2938

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 2938

ggngtgnntt	tnagatacag	ctacttggtc	tttttgccag	atcccatcga	ttcgaattcg	60
gcacgagcaa	aggccgtcac	accaaggtca	ggccaggagc	ctaggctaaa	ggaaacttca	120
ccaccgggga	catcagctgc	tgtggccaga	gaagagaaca	tgaaagccca	catcccgtgc	180
ctgcagccac	ccactttgct	gtcacttccc	agctgaagtg	aggagggact	gttcagaaac	240
atcgaactga	gcaaggcttc	tgtctacctc	atggaaaacc	tgatctggaa	atgacacttg	300
gaataaaaata	agattactct	tccattaaaa	ggaaatccac	ccaaaagaga	gaaatagtgg	360
tatatttcag	ttttacataa	taattttctag	agataagata	acccattgca	ttagtgtgatt	420
cagttaccaa	tttagctaa	tgtgagggag	aacatgggccc	ttgacttttt	ttcttttcaga	480
aaatcaagtt	tgccatattg	aaaaatgctg	tcagctctgc	caccgggttct	gtcattaatc	540
atgggaaaga	gctgatcang	ttttgattgt	ttcttcagan	gcacttttgt	catgtaatgc	600
atatatttca	attaaaatat	gcaggagaat	gcaaagntaa	taattnaggg	aaaatnatna	660
agtgttgcca	ttggctatta	attactaaaa	aaaaanaaaa	aaaaactcga	gcctntaaaa	720
ctatagtgc	tcgtattacg	taanatccc				749

<210> 2939

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 2939

cttattncat	nnagctcttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gttgatttgg	aaagcagtag	tgtggacgaa	ttgcgagaga	agcttagtga	aatcagtg	120
attcctttgg	atgatattga	atgtgctaag	ggtagaggaa	catttccctg	tgatatttct	180
gtccttgata	ttcatcaaga	tttagactgg	aatcctaag	tttctaccct	gaatgtctgg	240
cctctttata	tctgtgatga	tggtgcggtc	atatttatag	ggataaaaca	gaagaattaa	300
tggaattgac	agatgagcaa	agaaatgaac	tgatgaaaaa	agaaagcagt	cgactccaga	360
agactggaca	tcgtgtaaca	tactcacctc	gtaaagagaa	agcactaaaa	atataatctgg	420
atggagcacc	aaataaagat	ctgactcaag	actgactctg	atagtgtagc	attttccctg	480
ggggagtttt	ggttttaatt	agatggttca	ctaccactgg	gtagtgccat	tttggccgga	540
catggttggg	gtaaccag	gacaccacac	tgattggact	gccctacacc	aatcagaact	600
cagtgcctaa	tgggcccactg	ttttgactcg	gaatcatgtt	gtgcactata	gtcaaagtga	660
ctgtaaagt	gaaanggatg	tgccaaaaaa	ttaaaaaa	ccnccaaaaa	agcttccaaa	720
aaaaaacctt	taaactatag	tgagtcgtnt	acntagatcc	aacatgataa		770

<210> 2940

<211> 904

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(904)

<223> n = A,T,C or G

<400> 2940

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ggcatgtcag	ttgcctgaat	ttgaaagttt	tcacctgtat	gttttggnccg	ataaaaaataa	120
aaatgtaatt	tatatatctg	aatcaggtct	gtatgttatg	atcaattgct	cagcaatttc	180
gggcagttgg	tttgatgggt	atgtagtaat	gtancctgag	agcagaaata	cagagcctct	240
gggctagana	aagtataaat	ggcatcctag	gctatgtagg	gttcagctct	tcagaaggaa	300
ctttcatttt	tcattgtgac	acatcgacta	catgttggtan	aagaacatag	tttcannaat	360
tcttccngtt	agaaacatac	gtttcctcaa	aatatttcac	tttcangcat	tgggtanaaa	420
aagtncctcat	gtnattngac	tangcnnatn	tnctttaaaa	aatangccan	tttnctnnaa	480
cccanngata	natancccca	cgtttnttta	actattttca	ngtcatttta	acantcncct	540
tncttttct	nnnnnccnnn	ggnttaantt	ctcnanccta	ttttnccnnn	canaaaacnnt	600
nccnttctna	cctnaatcat	attttcccac	tnnnccctnaa	ctannnnana	nancatntnn	660
attcnctcat	ncnannnnnn	ttggcatann	ntttanacta	taggcatnaa	ctccttcata	720
tnnatatnnt	nctncaatnt	acatnatntt	ngnctanatan	ttcatcnntc	tattctncnn	780
nntcatnnnn	taannnnntt	ccnacnttan	nnntatcnnn	nnntanttgt	tcntatancn	840
cntntatcnn	tcnatantnn	nnatntntan	ntatcttanc	ntatccanaa	tncananaca	900
cgcc						904

<210> 2941

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 2941

tncttcaann nntgggtctcg tctttccag gatccctcga ttcgaattcg gcaagaggca	60
gaagccaatt ccttggtgaaa agctgactgc catcagtaat ctcaatagaa aagagatatg	120
ttttctggag tcataaagga attcaattcc taggggtttt gtttttgttt ttgagatgta	180
atattgctct gttgccagg ctggagtgca gtggtatgat ctcaccttac tgcaaccacc	240
acttcctggg ttcaagcgat tctcctgcct cagcctcccc agtagctggg attacaggca	300
ccagccacca tgctgggcta atttttttgt attttttagtg gagatgtggg ttctccatgt	360
tggccagggt ggtctcaaaa tctgacctc aagtcactctg ctggccttga cctcacaag	420
tgctggccca gccgagattt gttttctaaag atactttgtg tcatgaacag ttcagtttag	480
tgatcatgaac tattcacttc atatttttct tgnattaact ggtaaattt ttaaaatatc	540
ttgtagtaac tctttaaaat gtatgtaaag taaatggctg cagaaagggt ttttagagaa	600
tccctgcttc catcagtaat acagcaatat tcccccaaa aaaaaaatn aaaaaaaaaa	660
cttcgagccc tntanaacta tagnggagtc cgtnttacgt aaaatnccag gacntgataa	720
ggantccatt ggatganttt gggacaancc ncacttgnaa tgcantggaa a	771

<210> 2942
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 2942

ctnttaantn nctcnttngn ctaccgcttc tttttgcagg atccctcgat tcgaattcgg	60
cacgaggtac tttgagtgtt tgggggttca nnnacacacat gcaattttgc ttaacaaaag	120
tattttataa tacagtttca tacagaatta ccttaaaagg gagtcttatg ttttcaacta	180
cagatagttg taagggatca tacagaagat attgatgata gttgaaatat tcttagaagg	240
ggtgtgtatg tctagctgtg tctaccatgt gtatgtattc ttgacaagca gtataaaata	300
cctgtgattt ttctttacat tagggataat gcataaggaa ttaatcttca tatatattat	360
catcccta at gtagcagggg gaagtattta attgcccatg atatgtattt tacttatact	420
atgccagaga ggaaactata aagtaattac acatgtaatc ttgggttttt cacatatgta	480
ggtattcatt ttgagtaggt tgaagaagaa aaaaaatatt taaatgaatt gaattcctga	540
tgggtagta tcaataagta tttaaaagcc agtattctaa aaataataaa gggtagggtc	600
atttttgagt ttgggtttct tttgctattg gtaatattca aaattaaagt gttcattggt	660
acctgggtgc cttaatgcat ttattgnaga cagcattgag atgatgaaca aggggttagc	720
aatagccaac tctataataa ttttgcctaa atacc	755

<210> 2943
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 2943

ttnanntnat nttgctattg cntnttgcag gatcccatcg attcgaattc ggcacgaggc	60
---	----

ctcatccatg	gatcagggag	gcacgccagg	gagtaaccca	gttctgcccc	gcaagctaca	120
ccccactaac	tctgggccct	gtctgtgcta	tttaacattt	cattnanaca	ggagctcctg	180
ggaagaagct	tggctcagta	tncttggnag	atcacccctc	aaagnctccc	tcnggtatat	240
tctaagtgan	gacggatccc	atatatacct	cacttaggct	ttactctgct	ctgcaagcac	300
aggcaagacc	agctacatct	ttgnacgcca	cccctgggtc	ttagtaggce	aagaacctca	360
gaaactggna	nggcactaag	agctgtattt	tagaaaactgt	gttgaaatta	cattttattca	420
gctttgatct	ggnggggccc	tgtacctggc	actgctacaa	gtgtttcaag	aagggtgcgaa	480
ngagatatatt	ttacaggcaa	aatagantat	atttcctctn	cagnttcatt	tgactgcttg	540
tttaaaaaaa	aatatgaaag	atngtacaga	gagtncccat	atccccctcat	ctagttctcc	600
tntattaaca	tctgccatta	gtgnggtgta	tttgtcacia	ttaataaacc	catagtggtn	660
aaattattgn	tggcaaaaat	ccatacttca	ttcaaatttc	ctctggtnan	tcctaattggc	720
ctttnttgct	attctangga	tcttatcc				748

<210> 2944

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 2944

gtnnnnntng	tgtaatcgct	tggctgcagg	atccctcgat	ggcgaattcg	gcacgaggtg	60
ttgctcaang	agcagaccgc	actcctaag	gtcatcattg	aatgggcatn	atangtttga	120
anactgtcca	ananantang	ngtcaataca	tcaacnnctt	tanntgcttg	atattggnat	180
tgaanaacac	angnctcngn	ctagtctgcc	tganatgatg	tttaagatac	tccggaagga	240
gacanantgt	tntgantgcy	gattaganac	cacngaagnn	acactnaagg	ancancatct	300
ccacctngna	actgnattnn	cngaccanaa	aagngaactg	gaccaaatgc	tctcaaaggt	360
gctggcgagct	taanagcgtg	ttangactct	gcacgaagan	gacaggtnnt	ntgagagcct	420
ggnnannaca	ctctcccaaa	ctaaactgna	nctttcaaca	nangggancc	ccannttggt	480
ggagaaatca	ggtganctgt	tggcccttcc	acaaagangc	aaattctntg	agggcnagac	540
ttananccttt	ttgcngaacc	agtncttgac	tgactaaatg	aaagcttttt	aagccaggtg	600
gcccancctt	aangaagcna	ctttttaatc	cancggaacc	ngcttgagan	aaaaccnttt	660
ttgacccaaa	accnggagaa	ccagctggcc	taccaaaggg	aatggggccc	ccatttgaac	720
ttgggggtnc	ccangaacaa	nccttgnccg	ggncaaaagcc	cnttggttga	aaggacctca	780
acct						784

<210> 2945

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 2945

ttcaatgttn	ntnaaactct	ttggaancag	ntcccatcg	attcgaattc	ggcacgagaa	60
cagatagaga	cttgggtctta	aaaaaaaaag	aaaagatttt	gaaacaaaaa	attagctggg	120
cctagtgggtg	tgtgcctgtg	ctcccagcta	cttgggaggc	tgagggtggga	ggatggcttg	180
agccctggag	gttgaggctg	cagtgaacca	tgattgtgcc	actgcgctcc	agcctgggtg	240
agagagcaag	actctgtctt	taataataat	aataataata	ataaagtggg	caggaagggg	300
ccccaggga	ggagcataaa	cctctccagt	ggctgtgatt	tgtcagtaag	gacatggggc	360

```

atctggcgga caaatacccc tacagcgata gcattttccg ggcattttgtg ggtctcaagg 420
cgccctgctt gccctcagtg gatgctttgt ccagcccgcga ggcattttat ccagcagaca 480
agcagaagca gcagttttgt cattcgagcc ggcttccctg ccatggtaca ttacgtgagc 540
aggcggctgg ctgtgctgtg ctctgtggag atcacacgtg agattcgaca gcaactcgctt 600
ctgcangctt ctctttcctg ggttctttta agatgaagag agaaccgccga anaggcgggg 660
cttgcggaaa ggcnctggga aaaagnaatg gaatnatggn ctttaacaat ggtgccccgt 720
gaactggaat ggttctgant ggcttgccag aactcttgag tcaact 765

```

<210> 2946

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2946

```

ancgtgnctt atnnacnctt tggaagacct ccatcgattc gaattcggca cgaggctatt 60
ccgaatagcc ccaggtgatc cnttttacac canttttagc aatggaagtc agcacctctg 120
ctgggccaaag gccatgcttc cccagcctgt ggctgcgcct ctgctgtctc tccgggtctc 180
acctgggcgg gaggtcctc tggaggccag gacctgcctt gtgagggtgc ccttgtggga 240
gaggcgcttg cccaaacctg ctgttccccg ggggctcctt ggtggccccc aggactggag 300
ctctctgccc agagtgcgcc tccccagagg ttaggactcc catgacctg tccctgccc 360
actgtgacct gggggttgca tggtttcctt ctttcctagt tgtggtgaaa tcatcacttg 420
tgtgtttcgt tnttcctggt ctctgctgat ttaccgatgt attaatgta aagtaaaaaa 480
aggaaaaaaa gaaaaangnn naaaanannn cnnnnaann nanaaaaaaa aaaaaactcg 540
agcctntana aactatagng agtcgaatta cgtaaatacca gacatgataa gatncattga 600
tgantttgga caaacncaa ctagaatgca nngaaaaaaa nctttatttg ggaaaatttg 660
ggangcctat ggcttatttg gaaccattta agctgcanaa aacaagttta ccacaacaat 720
tggcattcat ttnaggttca agttcanggg g 765

```

<210> 2947

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 2947

```

ntnctttntg nnntnaaacn ctttggttaag cancatccca tcgattcgaa ttccggcacc 60
gaagggcctt ccagatcggt ctgtncacc tacctntncc gantttngnc ttncagatcg 120
tgctgtccca cctacctgna catntgccac agttggccct gggccaaccc cacgaagggc 180
ctgggcctaa ccccttgggc tggcccaact ncagagggac cctggggcgt gtgccagctc 240
ccagacacta cctgggtagc tcangggagg aggtgggggt ccaggagggg gatccctctc 300
cctgggggt gccctgttg agggggatcc cgcctctaga actatagtga gtcgtattac 360
gtagatccag acatgataag atacattgat gagtttgac aaaccacaac tagaatgcac 420
tgaaaaaaat gctttatttg tgaaatttgt gatgctattg cnttatttgt aaccattata 480
agctgcaata aacaagttaa caacaacaat tgcattcatt ttatgtttca ngttcacggg 540
gaggtgtggg aggtttttta attcgnggcc gcngcgccna tgcattgggc ccggtaccca 600
acttttggtc cctttagtga nggttaattg cncgctggcg tantcatggn catagctggt 660
nctgtgngaa aanggtatnc gntcacaatn ncacacaaca tacgaccggg gagcataaat 720

```


gtaaacctgg ggtgctnatg agtgactacc

750

<210> 2948
 <211> 757
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2948
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 tcagtaaagc tcgttcggtt tgtttgggtt tctttttacc tagttgctat agtgtctaca 120
 gtctatactc aatacctata aaatgcagta agcatgtgtt acagaaagag gttctgggtg 180
 gagagaaagg tgcgtgtgag acaggagaaat tgtcttaagc atataaaaca tgtatgattc 240
 cagaatttta gtatgttttg tataaaacta tttttcatta cggagactag aagtgaacag 300
 agaattacac aagtgtgact atacaaattg naaaacagat actataatat ttccttttat 360
 tttagtgtta tttagcttta ttacagattt ctatttttgt caaaacttca tgggttcctt 420
 caagatcttt tttgccaaaa cattttgata ctatagcatt gncatttgaa agtaagtgtt 480
 ctanactata aaaccaatga acttctacat gagccctaca gacaggcatg tgtagaaggc 540
 aatttatcaa acctattgca ctggcatgaa aagtgtgtat aataattttg ctagccccaa 600
 agcaagctag ttttctttgc ttgcttcctt ttctttcctt ttttccttgc tnttnaagnn 660
 ttgaancttt ttttaacatg gttgaggaat tctctagggn ggattcctt tgggcgtnat 720
 ntaaaccctt tcttttttgg gtttctggaa naccctgg 757

<210> 2949
 <211> 710
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 2949
 ncgctnctaa cnnntggcgc tatgcttggc gctnganccc tnngtnnngna ntcggcnega 60
 gggtnaagct tcattcantg tccattcacc cantactggt ttgattctan ggcctangaa 120
 aataggactg agcaaagccc ttgtccagat ggaacttatg tnttanangg gaaaacacac 180
 catatncagg tnnacagngt acnatcacga aangntaaat gtctatgaag aacattgtgc 240
 agacggcgat ngngntanat agggnaagggt tnnnnangac agcatagctt gatgtacnag 300
 cnagananac anatagnгаа annctntcc atactaaggg aatgggaaat aangctnnnt 360
 tttgccttgn tgaccttcaa acatgagaat tgctanagct ctgtgccaag gntnaagagt 420
 ggaanacaat ntaagcttca gctacatcac ttacggccta taggccacac tgaactgtgc 480
 nngnaaaact cannntgagc cangetcncn ncttaacata tttaaagggt ctntnctgtg 540
 cgcngcaaga agacnacagg acaggtncag ctntgtnncc acnnganntt gatnttgact 600
 tcannngtac atatnttggg ctnantntnn gantnaaaat gcgctatcnc ccataagtnt 660
 ggantcntga ncatantgtg gggcntctgn cacaatgngt attatntcaa 710

<210> 2950
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 2950

ggntatgngg	ctntaaatat	acagctctcg	tngetctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggttaaaa	gaataaaaaa	ggaataattg	aagccttcga	gacatatggg	120
atactataaa	gccaccacat	atttgaatca	tttgggtccc	agaagacaga	gaacaaaagg	180
attggaaaac	tcatctatct	ttttgttatt	aaataataga	tgaaaacttc	ccaaatctat	240
caaatgattt	agatatccag	aaacaggagg	ctccaagatc	cgcaaacata	tacaatgcaa	300
gaaagtcttc	tccttggcac	attatagtca	aactatctaa	agtcaaagac	agaattctga	360
aaaaggcaag	agaaaagtgc	ctagtccagt	gtaaagaaaa	ccttatcagg	ctaatagtga	420
atttctcagc	agaaacctta	caagccagga	aagaatgata	cattcaaagt	actgaatgaa	480
aaaaatgcta	tccaagggat	actatatcta	gcaaaaatat	tctttgtaac	tgaaggagaa	540
ataaagtctt	ccccagaaat	tgcttaaggg	agtcctaata	ctggggagcaa	aatgactaca	600
tttaccatca	tgaaaactta	tgaatgtgta	aaacctgcta	atnaagcaat	ccacanagga	660
ataagggaaa	gtaattaaat	ggtcctgtac	nggaaaacca	ccaaacccaa	attggaanna	720
nancttngga	aaaaaactcg	gcctttaa				749

<210> 2951
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (748)
 <223> n = A,T,C or G

<400> 2951

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gattcgccct	gccctgggtc	tggccggcgg	aagctctgtc	caagggtccac	acacctccag	120
gtttacgcca	acatccttgt	gccctcccca	ccttctcttc	caacgcatta	ggtgcattgt	180
ttaattgaaa	tccaaccaac	aattgtgtgt	caaggctggt	ttggtgcagt	ggctgggcaa	240
attaattttg	ggccaggatg	gggggtgggt	gcagtgaggg	tagggaaaat	gtcaggagta	300
ggaaggttcg	gggggttaagg	gaagggaaagg	aagaccagaa	ctggccatcc	tcttttataa	360
tccattagta	gcaccatggc	tcatttgaaa	tgaaaatatt	acacttattc	cccacccaac	420
cgnagtgaac	tttctaggta	attgttttga	aaacaatttt	tgtatctgtg	aaagtctttg	480
ctttntcttt	ccaccttcta	gaaaagtctg	ctaccagttt	ccttactgaa	tacagccata	540
ctcagcccct	ctcgcateca	gcccgtcagg	gtcanggtca	nggtcangct	tcctnaagac	600
tagcacgcga	ttgtctgccc	tcttttgcgt	aggatttttc	tctnaacca	ngggacattg	660
ccttggactt	tctctacaaa	tgcccttaga	tgtagaaca	caaatgattc	tgnttgtgga	720
actctggctt	tttgccattt	tncttttn				748

<210> 2952
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 2952

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attcggccaa gctcagtttt tgccttgaa tatgaagatg ctagaaagag ctctgcattt      120
aagcagagcc ttgtgcaatt cccggaccaaa atgctgaaac tgcaagagtg ccctttaaaa      180
gaccttctta ggcattgtgac ttgttctcta ccagaacctt tgggcaacat gaaggaagtc      240
aaaggcattt actggcttgc tgttgctgcc tgcacagcac ctgacctca accagcgtgt      300
ttgctcctgc ttcagtcaac tttatatgct ttggtcctgt cagataatct cggctcaatg      360
agcatttttc atgctctacc tctctctggt ctacaggaga ttcagattgg ctttgggtgga      420
cagagtgttc gattcctgag ctctgcagag ggtcttctgc tcaactgtatt cagttacaac      480
aaatacctct ctcaacagct gtgtcgtgac ctctgtgtg tcctgatgcc anacctgatg      540
cccgtgcct gcgctaataca tcccttgctc cacaagatct ggttcacttt ctcttgattg      600
gaaaacagaa atccctgatt tantttttgc caaatgggag ttcangtgc atccaaattc      660
canactaccc ttgggtgaca tgattacttt nttcatggaa atatggaagt caatgtccct      720
tccctggcaa aagttcannt actggtntn                                     749

```

<210> 2953

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 2953

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ttaatanaca gctcttggtc tttttgcagg atcccatcga ttcggagaac tagtcaataa      60
ggaacaggat caacggccac tccaccagtg ggcaaatcca catgcagaaa tctccaccaa      120
ggttccagcc tccaaagtga aagacgccgt ggaacagcaa ggggaggtga agaagaataa      180
aagagaaaga aaggaagaac ggcagaagaa aaggaaaaga gaaaagaaag aactaaagtt      240
agaaaaccac caggaaaact caaggaatca gaagcctaag aagcgcaaaa agggacagga      300
ggctgacctt gaggctggtg gggaggaagt ccctgaggcc aatggctctg cagggaagag      360
gagcaagaag aagaagcagc gcaaggacag cgccagttag gaagaggcac gcgtgggcgc      420
anggaagagg aagcggaggc actcggagtg tgaacagat tctaagaaga aaaagatgaa      480
gctcccagag catcctgagg gcggaagacc agaagacgat gaggctctgc aaaaggtaaa      540
ttcaactgga agggaaactat taaagcaatt ctgaaacagg ccccagacaa tgaaattacc      600
atcaaaaagc ttaaggaaaa aggttttttag ctcagtactt ccccgatgac cagattgagc      660
cattaccaga ttcccgaag anggaacttc ctgggtccat tnttttacca nggaaaaatt      720
cngccaagga acccttaacc nttaagttt nttaaangg cn                               762

```

<210> 2954

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 2954

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ngnnggnnnn nnnnttttna atntcangct acttggtctt tttgcaggat cccatcgatt      60
ngaattcggc acgagatcac cttggagctc cttgagttag ttctgatcaa gccattacac      120
tcttttcatg tagacctgcc tgtaagtgtg gacatgcaca ctcagctgac cttactgttc      180
aaaagctgga gaaaaagaaa cagctttcat acagtgcata ctgtctacgt ctatgtaaaa      240
gaatttgaga aacatggcag tagccattgc taattaatct gggtatgtgt aaatagttta      300
acttgatttt tgactctggt gtttggatct attttaagat cgatggagtt aattgcttca      360

```

```

tgacagttct tatgaaacat gcttttttat atccttgtgc caatgttttg tttacagatc 420
tttcaaaatg aattcactct gagaaataat gaaatgacaa ttgtgtggca catgttaggc 480
gtagataaaa ttgggagttc tcttcttttg taagattagc tttaaatcca caattaattt 540
cagttaggag agaataagca tccataccct atctctttta ccttgattac aactagatac 600
ccccggacag aagacaaagc aaccacccaa agacttctga aaaggtagat agtagccagg 660
cagactgggg aagaagaaat tnaaaaccct gaacaccaat tttggcantg aggtttacct 720
gggtttaata tatttctncc caaaacttgg ctcaanaanc g 761

```

<210> 2955

<211> 854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(854)

<223> n = A,T,C or G

<400> 2955

```

ggtgnnggga aaacnggctt ttatacatatc aggctacttg ttctttttgc aggnatccca 60
tcgattnggc ctgagagtct ctgatcaagc agattccacg aatcctcggc ccaggtttaa 120
ataaggcagg aaagtccgt tccctgctca cacacaacga aaacatgggt gccaaagtgg 180
atgaggtgaa gtccacaatc aagttccaaa tgaagaagggt gagtgggtct ggcgggttgc 240
tatgggtgaa ggtgttggca gggctctaat cttatccaag tctctaaata tgccagtaag 300
agcaccacc aggattgaaa cttttggagt aaccctgggc ttggcccggg tccaagtacc 360
tgctcaccag gccactgggg gaggaaggac angccnatct gctatttgnn caccaacctg 420
acttgatcct ctcttccctc tcccangngt tatgtcttgg ntgtaactga tggncacgcn 480
aagatgacag acnatnanct tgtgtttaac natnnanacn tggtctggtaa cttcttgggn 540
ntcattgttt aantanaacna nttggnnnnn aangttccng gnntttatnt tattnaantn 600
aaccctnatt gttccnatac ccnaanngn cnntttttat tannnnngnn cnttntnnn 660
attaaaatnn nntttttatc nnnattannn nnnanntann nnnnnnaata nnnctntng 720
naagnnatnn ttngaacnnn tnnnnnnnan tnnnnnnnnn taannnnnnn ntaatctenn 780
nanatttgnn nntnngtann nncnttttgt nnnnacnttn nngnntnnnn annncnnnng 840
tannnnnnna tccc 854

```

<210> 2956

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2956

```

tttnncngac nctnttnaac tccctgcagg atccctcgat tcgaattcgg cagagacaca 60
agaaaatgaa attaaaaaat aaatcaagct ttcatatgct caactncatt ggaccactgc 120
aatcctgggt acatattgct ggctgaagaa acccattgnn tatagtcctc ctgtcactgg 180
agatatgtgt ggtgagaaag agaaatggcc acnttgcaat ancagtggga agcaaatgca 240
gaaagcacc agnaaagggg aagatctagg tgacagaggc catctactct tntggattca 300
tntggttctg gcacacagag aatggagctt ttgnggcaat aatttctcta ctgatgtgag 360
caagnatact tctttctana attagcaaat tattgctaac tatttgtaag ctaaaatnta 420
aaatnagngt ttaatgtaa atttcaaaac agaagggata atncatggnt cctatacatc 480
ccataggtag taatgcattg agctaggctg tggntactcc ctgagtgtga tttgtgttca 540
cataagntct tanttgngt tgnactgnta ttattaaatn tcaagtntga cantaangcc 600

```

acagcangac	tttagagctc	naagacattn	gtnacacaan	cttnntggca	acttttttca	660
aaacnttgna	cacttttatng	ggnnnnaaac	ttncctnttt	tnnnaaacca	gatcnttggg	720
gcntcaanct	ntttgaance	gnanntgcnn	t			751

<210> 2957

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 2957

ncgaaagncc	aangccggac	nggacgggaa	caccctccca	tcgatngcga	anncggcacg	60
aggaatcttc	cttaaagncc	agagcctccc	ttantntgga	nttttgcct	gcccagcct	120
tctcgcgggg	agggaaactcc	ttctgtctgc	cgctggnac	atccctgagg	gagaaggtct	180
gtgagctgag	cccacatcac	tcgntctgct	gcccangtgg	gcttccatct	tcactgagga	240
aaagncattn	ngaactcccc	ggcgactgca	aattaagtaa	tcaaggacag	atgggactgg	300
gtngaccatt	ccaaggagta	cagntactgg	aagaatctgg	aagcaatacc	gagcacatct	360
gntggcatna	atccattgga	gcaataatgc	tggacgtaga	aagnatgtcg	cntttttaaa	420
aaaacatcat	cannnctgag	catacgnagc	aagngaactc	taacttggaa	cggangataa	480
attcntctaa	aaaacaagag	aaaaaacct	ncagacaaaa	ttatgcancg	agagctttaa	540
aaaatatana	tcccacagca	tnagggaaaa	cactttgnct	ggcnatgccc	acngnactcc	600
anccctgggc	cgacagaacc	gaggactccc	ggncccaaaa	aaaaaannan	naagaaagac	660
nngcattaaa	gggagaaacc	agncnggncc	ngggcnagaa	aaaacnanaa	nanggcaaag	720
aaggcannnn	tnnaaaanna	ntnnaaagac	caaagcagnc	anagganaaa	acc	773

<210> 2958

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (639)

<223> n = A,T,C or G

<400> 2958

gannttcnac	taatngcttg	gntctcgttc	tntatgcagg	atccctcgat	tcgaattcng	60
cacgagaagg	cctgtgccng	aggggttggc	cagttgggag	ccngngtcnt	cctcatcagc	120
ntatcccat	gtcctctatg	cccctaant	gcttntcat	nttggagggn	ttggggagaa	180
gttggngtg	ccacccccac	atccctgngg	aggtgttcac	ccagtctgag	anccgnnagc	240
actnaggcag	ggcctgatac	tggacctgtn	tgagctnana	nctcnntgnt	ngnaanganc	300
tgagaengcn	gancantgct	cacttgcatn	gagagccac	cananagctg	acacctgcgg	360
ctnngttncg	natcatctnc	nacntagaan	tctacatatn	gctgacttac	nncnnnagcc	420
caagggaatc	agattccanc	tatcaaactn	ctgattangc	cnaancctct	attgtnaaca	480
ggttntggcg	cacntgttca	tcacnactna	tgcntcgaan	agatgtgaaa	tgnaaaatgc	540
natntctatg	tntctttact	catttgataa	tntttnnnat	gtctgcattc	naaatgcgtg	600
anctttgncc	aaagcnnnta	gctacctntt	nttcgcct			639

<210> 2959

<211> 761

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (761)
 <223> n = A,T,C or G

<400> 2959

nntttncnaa	tncnaggcta	cttgttcttt	ntgcaggatc	ccatcgattc	gaattcggca	60
cgagaaatca	gttnttaaac	tttatgtata	tattntagcc	agagcttaat	gttttatgaa	120
gataaaggac	atgaagntta	acaatggaca	acngntannt	cagctaattg	tgagggtcaag	180
naattgnaag	acatacggga	aggctttgtt	ccacaatatt	atatggacca	ctgaacaaga	240
atgacagccc	tttgttatca	cttggcatat	gaaaagtgtg	gtgtgcatag	gttgngtnaa	300
tttntnatgt	gcntaaaaat	gngatnttaa	nttatatgct	ctgaangata	atncagggtta	360
tagttaaaaa	tgtacaatgt	gccanntcan	nntatntnac	cctagccctc	aaattattct	420
gattaagggtt	aaaatgtgct	ggcttacngt	gcttnancct	gaggccttct	gatnggntct	480
tggnnacaga	nttttaaagt	aagggtgtgan	ttnnngcaact	cntgtgctnt	atntataaag	540
atatnaanta	atnncatgtg	ctgatatttg	aaaagaatth	nccccaaaat	gtgttatttt	600
aaaancnatc	aaagctagct	acangctnaa	naggctcagt	tcttctntaca	taatcgggnt	660
aaanattnta	aggnattata	anaattgtaa	attactgccc	aattgggtaa	aaaanggggg	720
tatacatgca	annaataana	ctcnagccct	ttataacttt	n		761

<210> 2960
 <211> 857
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (857)
 <223> n = A,T,C or G

<400> 2960

nttctnact	naagcncttt	gcaacttctt	ctttntgcag	gatcccatcg	attogaattc	60
ggcacgagga	tagctatctg	acttctcaac	tatgttttaa	gcagatgttg	taaatectat	120
gctgtagttc	atgaatctat	atgacatgtg	gggtcgggaa	catagtacc	taccataagt	180
caggttattc	ctactattct	gcaacatgta	aataacactt	tgaacagagc	aagtggtaaa	240
gattgcttaa	tttttgcatt	actattatga	taaatatgtt	gagaaggacc	agctcaaagg	300
aaaacctctt	ggtaactngg	catangttaa	atgtttccca	agaaagtgca	ctcttcccaa	360
ataaagcttn	ctccttgaaa	aanaaacgnc	caggtagcca	nnntnaann	atgnaaangc	420
aaaaaacnan	anacacaang	ctngctncag	gnannngnnc	tgngctgact	nttgngngagc	480
cncangnct	acggntaacc	tgncngctta	cnttgaatgn	nactgtgncc	cttgannnng	540
gaacngaaac	cccctcncaa	tcctgaaagn	gtcntgnaag	gtnnaccctt	gnaaaaatgn	600
aactnccnnn	ccaaannntt	ccngcnnaaa	nnanggnntt	gnccccnnnn	cnntantngn	660
ccngnnnncc	aatntcctan	nnncntangg	tntnaccccc	cnntnaaana	gattttgnnn	720
aagggnnttc	ccatnaacnc	cnngncccca	annccnggna	nannnaaanc	cttnnccnga	780
atnnnnnggc	ctntatcggc	ccccttttaa	attnnccggg	nnaaaaaaca	annccctngn	840
nnnnnnntaa	aantagg					857

<210> 2961
 <211> 857
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (857)
 <223> n = A,T,C or G

<400> 2961

nttcntnact	naagcncttt	gcaacttctt	ctttntgcag	gatcccatcg	attcgaattc	60
ggcacgagga	tagctatctg	acttctcaac	tatgttttaa	gcagatgttg	taaatacctat	120
gctgtagttc	atgaatctat	atgacatgtg	gggtcgggaa	catagtaccc	taccataagt	180
caggttattc	ctactattct	gcaacatgta	aataacactt	tgaacagagc	aagtggtaaa	240
gattgcttaa	tttttgcatg	actattatga	taaatatgtt	gagaaggacc	agctcaaagg	300
aaaacctctt	ggtaactnng	catangttaa	atgtttccca	agaaagtgca	ctcttcccaa	360
ataaagcttn	ctccttgaaa	aanaaacgnc	caggtagcca	nnntnaannng	atgnaaangc	420
aaaaaacnan	anacacaang	ctngctncag	gnanngnnnc	tgnngctgact	nttgngagc	480
cncangnct	acggntaacc	tgncngctta	cnttgaatgn	nactgtgncc	cttgannnng	540
gaacngaaac	cccctcncaa	tcctgaaagn	gtcntgnaag	gtnnaccctt	gnaaaaatgn	600
aactnccnnn	ccaaannntt	ccngcnnaaa	nnanggnntt	gncccccnnnn	cnntantngn	660
ccngnnnncc	aatntcctan	nnncntangg	tntnacnccc	cnntnaaana	gattttgnnn	720
aagggnttcc	ccatnaacnc	cnngncccca	annccnggna	nannnaaaanc	cttnnccnga	780
atnnnnnggc	ctntatcggc	cccctttaa	attnnccgggn	nnaaaaaaca	annccctngn	840
nnnnnnntaa	aantagg					857

<210> 2962

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 2962

gnnnnttnna	atnnnagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggccctgt	gttaatccag	gtgagaacag	gtagtaccca	aattagggca	tggtagcagg	120
gatgcagagg	aaagaagagg	agtangaact	atgtgggagg	tagtattact	aggatttttag	180
ctttgaaggg	ttgagagaaa	tgtcaagcct	aactacaagc	aagggtttcta	gtatcagnaa	240
cttcatatca	tttgaaatac	aaanattanc	aatcaatgta	aaaaacgtcc	tgggctaagc	300
atagcatgaa	gtctgacttc	agtgtagcat	tgaggagggt	cctggcctca	natactgcac	360
cagntgttng	ntcagctntg	ggcnanaaca	ttagnacgat	cattaggnat	ttttgtccct	420
tnntgcattg	tccttcgtca	tatatattat	aaacacctac	tgtatcctag	gcagtatttn	480
ccagggatgc	aaagatnaat	tagatctggt	ngcttttctt	canagtctga	agttaagtgt	540
cangtttgtg	gggaangtta	ttctngcctt	gtgtatttag	tcccaactta	agctntaatt	600
ttngaattng	taaaacctta	tctgattata	aaaaaannaa	cncagtcctna	aananaggat	660
ggntgaatgc	ataaattta	tcttgaaaat	ttaancgact	ggttcttcaa	aatgncactt	720
ttcatccccg	gttggtctnt	ggctga				746

<210> 2963

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 2963

gnnnnttcta	atgctaggct	acttgttctt	tttgaggat	cccatcgatt	cgaattcggc	60
acgaggaaat	gggtagggaac	aagcattagc	ctggtctggg	ttcctccagc	tcttaggaca	120
agttggaaca	natttgctgt	tctgatgatt	catctttctg	atcacaggga	tagcataact	180

cagctttgaa	gaaaggcatc	tgcagagatc	atggcagttc	cattttgcgt	tctgagtttg	240
ctcctttagg	taagggaact	agaatgcaga	tacagttaga	atcagtctct	ctctctctgt	300
ttgtctgtct	gtctgtcact	ctctntctcc	ttattgcact	ganggccggg	cgcggtggtt	360
cacacctgta	atcccagcac	tttgggaggc	tgaggcatgt	ggatcacgag	gtcangagat	420
cgagaccatc	ctggccaaca	tggtgaaacc	ccgtttctac	taaaaatata	aaaattagcc	480
ggcgtggtgg	tggacgcctg	tnatcccaac	tactcangaa	gctgangcag	gagaattgct	540
tgaaccgccg	gangcggang	ttgcggtgan	ccnaaattgc	gccactgctc	tccaacctgg	600
gtnacananc	aagactctgn	cttaaaaaaa	aanacanaa	aactcgagcc	tntaaactat	660
agngagtcgt	attacgnaga	tccaaacatg	ataagatnca	ttggtgagtt	tggacaaacc	720
ncantngaata	gccanggaaa	aaaatgcttt	ant			753

<210> 2964

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 2964

tancttnata	gacagctact	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agggggaccac	tggcctgcct	gacctcacc	cactaatatt	ttttattttt	tgcagagaca	120
ggatatgggg	aaaagaaatc	agattgttac	tgtgtctatg	tagaaaagga	agccataaga	180
aactccattt	tgatctgtat	taagaaaaat	tggtctgctt	tgagatgctg	ttaatctgta	240
actttagccc	caacctgtg	ctcacagaaa	cgtactgtat	tgaatcaagg	tttaatggat	300
ttagggctgt	gcagcatgtg	ccttgttaac	aatatgtttg	caggcagtat	gcttggtaaa	360
agtcacgcgc	attctccatt	ctctattaac	cagggacaca	atgcactgcg	gaaagctgca	420
gggacctctg	cctgagaaaag	cctgggtatt	gtccaagggt	tccccactg	agacagcctg	480
agatatggcc	tcatgggaaa	ggaaagacct	tacatcccc	agccggacac	ccttaaagg	540
tctgtgctga	ngaggaggag	tgaagagggg	aggcctcttt	gcagttgaga	taagagtaan	600
gcttctgtct	nctgctcatt	cctgggaatg	gaatgtcatg	gtgtaaagcc	accattccca	660
ttcgttggat	tctgaaatag	gagaaaactc	cctgtggctn	anaaccgaga	tatgctggca	720
ncaatactgn	tctgntgctc	tttgctnn				748

<210> 2965

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2965

gnnnttctaa	tagcnagntg	ctacttgttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagaaa	ggcttagatc	attgacttca	gattttttgt	cttttctaac	aagtgttcaa	120
gactataata	taaatttccc	tctaagcatt	gtttagccac	atttcacaaa	tttggaatg	180
tttattcatt	ttcatcttca	ttcagttgaa	aatattttct	aatttccctt	ttaatttctt	240
cttttactca	cttattattt	ggaaatgtgt	tatttcattt	ccaaatattt	ggggattttc	300
aaatatctcc	tgtaacaat	ttctaaatta	gttgtagtca	gagaacatat	tctgtgattt	360
caatgctgag	gcttgtctga	agccccagaa	tatggtgcat	tctgtggaat	gtttcatgca	420
catgtaataa	gaatgtggct	gggtgcagtg	gctcctgcct	gtaatctcaa	cactttggga	480
ggctgaggtg	ggtggattac	ttgaggtcag	gagttcgaga	ccagcctggc	caacataagt	540


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gaaaccctgt ctctacgaaa catacaaaaa ttagctgggt gtggtggtgg gtgcctgtaa 600
tctcgattgc acccctgcac tttagtctgg gtgacaaagc aagactacat cttcaaaaaga 660
aanananannn nnnnaaaaang ntntnnnnnnn nnnnaannnnn nnnnnnnnnn nnnnnnnnnn 720
ntngnnnnnnn nnnngnnntn nnnnnaannc ccc 753

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<210> 2966
<211> 745
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

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<400> 2966
ggnnnnnnntt gaaangnttn ttgtcttttg cggatcccat cgattcgaat tcggcacgag 60
gttacaaaaca gtggaaaaca gacattttca gatgtttgca caccatgcac catgcaaaat 120
acanaccagc tgaatcataa naacaaatga ctagttactg ggagggtttt ctctctttct 180
cattatTTTT acttctacca aagtaatgtg cacatactgg tnattttatt cnattttaat 240
tttcaccaag ctagctaatt acctttcttt gttttttgtg gaggtgggct gtcgggtcttt 300
tgctgaggct gatctccaac tctgtctctc aagcagtcct tccacttggg cctaccagag 360
tgctgggata acaggcgtga accactgcnc ctgacctata nctataatnn taagaagnaa 420
aatggngcaa aaaccnnaca ngagcaacct gacntnctac tntcanaaac aatcactttt 480
aactctttga actgnatctc tgntatttgc ctacttattt ctaagtaata tgcttactct 540
ncatgttata taaatggggg attaaagctt ttnacaagc atctcttctn actatcaaca 600
ttcacattca ttacaaangg acttacaata tctttntcaa aaaaaaaaaa nnnnnnnaaa 660
aaaaaaaaagc ctttanaact ntanngagtc gattacgtga tcccganttg ataagganca 720
nttggtgagt ttggacaacc ccaac 745

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<210> 2967
<211> 747
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(747)
<223> n = A,T,C or G

```

```

<400> 2967
ggntntnaat ttgcagctct tgnngntctt tttgcaggat cccatcgatt cgaattcggc 60
acgagcgggtg ctggtgcggc gggggactgc ggggcngcc tcaggtagca gcagcagcag 120
cagcagcagc agcagcagca gcagcagcag cagcaatgtt tcacttcttc agaaagcctc 180
cggaatctaa aaagccctca gtaccagaga cagaagcaga tggattcgtc cttttagaag 240
catctcagag gctctccagt gacgtgctgt taaaagtgtg gaccctgggt cagacccttt 300
gggttggtt cgtgggtcca cgacttactc tctacccttg gcagtggcgt gatctcggct 360
cactgcaacc tccgcctcct gggttcaaac gattctcctg cctcagcctc ctgagtagct 420
gggactacag gggcctgcca ccacgccag ctaatttttt tttgtatttt cagtagagac 480
ggggtttcac catgttggtc aggatggtct tgatctcttg acatcatgat ccgccgctcg 540
gcctccaaag tcctgggatt acaggcgtga gccaccgtgc ccggcctata tgttntattt 600
tataaagtta tatgtnttat tatttacttt ttggtatgta attggttatg tcataaaatt 660
ataatataat aattccttaa ccaaattata ttccataaat tataacntat gaattcaata 720
tgcntttatt aaataaagat tctagan 747

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<210> 2968

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<211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 2968

getatnttna	tatancagct	gctcttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagggg	ggacacgttg	gctgcgtttt	cggggggctt	cccgggtaca	aaaatggctg	120
tggctagcga	tttctacctg	cgctactacg	tagggcacaa	gggcaagttt	gggcacgagt	180
ttctggagtt	cgaatttcgg	ccggacgggtg	tttacgtgta	attgttcacc	ataggacgca	240
tgaagagtac	caagcaagag	gggagaggaa	agcttagata	tgccaacaac	agcaattaca	300
aaaatgatgt	gatgatcaga	aaagaggctt	atgtgcacaa	gagtgtaatg	gaagaactga	360
agagaattat	tgatgacagt	gaaattacaa	aagaagatga	tgctttgtgg	cctccccctg	420
atagggttgg	ccgacagaat	aaatgatgtt	tctcaggctt	ctgaagaact	ctgaaagcct	480
aatttcactc	tgtaaaaaga	aagtttggtt	tctgaattgg	gtcttttcaa	ctcttgagga	540
aattccttca	acaacccttg	gaaaggaaga	aacatttaaat	ttcacttttg	natatccctg	600
angaatgtcc	tttgnatcac	cttctttgaa	tagaagaaaa	tgtggagaaa	tctaacacat	660
gcttgcactc	ttgtaggaat	nacttaagtc	ttctgcttaa	agaaaccctt	ntttagaaaa	720
accaaaggaa	ctttgaaatt	gtnaattgga	gatgagcnen	nt		762

<210> 2969
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 2969

nnnnnnnnnn	ttnancagct	cttggttttg	aggatccctc	gattcgaaat	attttcattg	60
gttatacaac	tgtgtgtgt	tttctgagaa	actcagcccc	aatgtgtaac	accctggatt	120
ccacggggca	gcaaattcca	cacactgcac	ccatgttgtg	agcggagatt	ttcgggctga	180
ccaaaacttg	aggcgaactg	agtctccatc	ttaacactca	aacacacttc	atggcggcct	240
ggaaacaagg	caatcattat	gaagcttcag	cccagttctt	ctgaaaccaa	cgtattgggc	300
ctgcttcatt	gtctctctag	gggctaata	caaacatgtg	ggaaggggaag	ctaaggaatg	360
cctgtctaga	aagggagggt	gtataatgta	gtgggaagaa	cctatctgtg	gggtaaactt	420
tttttgcac	atgtagaaag	caaactctgg	taattaaatg	tttgtgtgtg	tgtgtgtgtg	480
tgtgtgtgta	tttangtttn	nnntanggnn	nnnnntncnn	tnnncnnngc	ccngtntang	540
nnnnnnnnng	gcanngnnnn	ttenctccnn	nnncananga	nctnnngncn	ngtnnctgtt	600
cnnncttann	nntngaangn	tnnnntnnga	aaacctnnnn	tnnnccnttt	nnnnantggg	660
nnnnnnnnct	nnnnnnnnnn	nnnnnnnnnn	nnnacntnnn	ngnnnnnangn	ccnnnnnnnn	720
tnnnnnnnnn	cnnnnnnnnn	naannnnngn	nnnnnnnnna	tttnnnnnnn	nnnnnnntnn	780
nnnnnnnnng	g					791

<210> 2970
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 2970

gntgtntnnt	tacnactgct	gttcttttgn	aggtcccatc	gattcgaatt	cggcacgagt	60
aaacatccag	atgtgttttg	atagcctggg	gtaattaagg	ttgaggacaa	gtgtaccaga	120
tcaaggagag	gaacccgtcc	catgcctgcc	gtgtgttcag	gtggctagac	ttgttgttgc	180
atctgttagt	tccactctta	gtacatcatt	gtgctgtgag	gtgtcattag	cgcgcgttta	240
atTTTTcttt	tgtttttaga	gacagtgtct	tgctctcacc	ccggcttaag	tacagtgaca	300
tgatcatagc	tgactgcaac	ctcaaaactcc	tgtactcaag	tgatcctnct	gtcttantgt	360
cccaagaagc	taggactgca	ggcacacacc	accatgcctg	gctaattttt	aatttttttg	420
taaagatggg	gtctcctatg	ttgctcanct	gggtctcaaac	tcctgtcctn	aagcagtcct	480
ccaccttttg	ccttccaaag	cactggggat	tagnatnctt	atnntcnnnn	atanncetta	540
ntnnncnngt	tttntctaaat	gggtattttna	acnttttnca	aanntttnnn	ntnnnttttn	600
nanaatncnn	tttnttncnn	aaggnnnttt	nccanntntt	ntnnnaannn	naaannnnnn	660
nnnnnnnnnt	nnnnnnnaaa	anccctnttt	nnnaacnnnt	tttnnnnnnn	nnntnttttn	720
nnnnnnnnnn	nnntntnnnt	nnnnnnnnnn	ntnnnnnnat	ttnnnnnnnn	actcnnnnnn	780
tttnnnnn						788

<210> 2971
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 2971

tatnttttna	gcngctcttg	ttctttttgc	aggatccctc	gattcgggtg	tcagcagtaa	60
gatggaagaa	agaaagtcaa	agctggaaga	ggccctcaac	ttggcaacag	aattccagaa	120
ttccctacaa	gaatttatca	actggctcac	tctagcagag	cagagttaa	acatcgcttc	180
tccaccaagc	ctgattctaa	atactgtcct	ttcccagata	gaagagcaca	aggtttttgc	240
taatgaagta	aatgctcatc	gagaccagat	cattgagctg	gatcaaactg	ggaatcaatt	300
aaagtctcct	agccaaaagc	aggatgttgt	tctgatcaag	aatttgttgg	tgagcgtgca	360
gtctcgatgg	gagaagggtg	tccagcgatc	tattgaaaga	gggcgatcac	tagatgatgc	420
caggaagcgg	gcaaaaacaat	tccatgaagc	ttggaaaaaa	ctgattgact	ggctagaaga	480
tgagagaggt	cacctggact	cagaactaga	gatatccaat	gaccagaca	aaattaaact	540
tcagctttct	aagcataagg	agtttcagaa	gactcttggt	ggcaagcagc	ctgtgtatga	600
taccacaatt	agaactggca	gaacactgaa	agaaaagact	ttgctttccg	aagatactca	660
gaaacttgac	aatttcctag	gagaaatcag	agacaaatga	gatgatggcc	gatatgtcca	720
ccagatgacc	agtgcctgcc	ccggan				746

<210> 2972
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 2972

```

gntnnnnnnaa tgcttggtct tcgntcttnt tgntgcagga tcccatcgat tcgctaatat      60
ccagaatcta caatgaactc aaacaaatctt acaagaaaaa aacaaacaac cccatcaaaa      120
agtgggcgaa ggacacgaac agacacttct caaaagaaga catttatgca gccaaaaaac      180
acatgaaaaa atgctcatca tcaactggcca tcagagaaat gcaaatcaaa accacaatga      240
gataccatct cacaccagtt agaatggcaa tcatagagct tttcatttat ctgagtgttt      300
tcctctgctt gtcgggactt gtgctttcac gagctcctgc tctcatatca ggggagtga      360
taattgaatt tggatagttt tttgggtttt agttggaaca ctctttttcc tgtggaacgt      420
ctatagaaaa aatgagtcaa acagagaata tgcaggggag gcaactctga atgcttccat      480
ggctacatac atacctgttt tctttgattt gctaaaccct aagttaaaag gaaagtactg      540
tctaaaatag ggagaaatct cctatattta taccatcatt tggagtattt acaatgggag      600
tgttttgnat tataaatgtc aaaaangttg agacaggact cacttaaatt aagangggaa      660
actttttttt aatgatggaa atangggctt aataaactta catctnctta acttctttaa      720
taattggnaa taaactatga ctggtcaaga attggacnnt cc                          762

```

<210> 2973

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 2973

```

gnnntnnnct antnchnaggc tacttggtct ttntgcagga tcccatcgat tcgaattcgg      60
cacgagggtga tatgaaaagc gaatgcacca tttcttggtg atgattcagg tcagcggttg      120
gacccaggaa tctcctgtta atcagtaccc tgggtgatttt gatccaggct atcaagacca      180
tggcttccat cgtaggcagt cacactcttt ctctcttgga tcatttgctg tggggaagca      240
aactgtcata tgagaggaca ctcaaacagc ctctggagtc tcatttgcta aggaactgag      300
gactccagcc tgagaactca ngcaagtaac tgaggcctgc caacaacccat ggagaaagcc      360
tggaagtggg tcctccctca gccttcagtc gagacaacag ctgcaatgac agccaagcca      420
gcgccaccca gcttagccac ccccagagaa ctaactctca gaaaccatgt aagataatac      480
atgttngttg tnttaagctg ctaagttttg gggtnattna ttatacaata gatnattaaa      540
acacatagca tataaataaa atcaataaaa ccagtatggg tcagtaatga gttaattaga      600
taattagaca aatttttgc tctgnttct atggtnatna ttttcttcag aaaaaattct      660
ctcggggtaa aaaatgttta aaagtgggtc ccaaccggac attttttaaa ttaattaatc      720
agtttnggga aggccaaaagc cggtttggat tgcttttaan                          760

```

<210> 2974

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (795)

<223> n = A,T,C or G

<400> 2974

```

gcnanagcng nctnatagct cggttggctc ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gaggaagaga actatctaaa tgagtaatgg tcaagaaatt taaagcata      120
atgacatgaa acaaacaacc ggtccaggaa gctcagagaa tacaattcat gacaaacaac      180
aaaaatacag caccagacat agcatttcct atatgtagaa taaaagaaaa taaaataaat      240
caataaatag acaaagagaa aatcttgaca gaatctggaa tgaaaactac attccttgta      300
gagaaaaaag agcaaggatt tcagccact tccagtaaga aaccaggcaa gaaagaagag      360

```

```

agttgcggga aatgttaagg aataaatgca ccaacttaga attctacatc tagcaaaatt 420
atacttcaaa agcagagggg aaatcagaat ttaccagaca ataaaacact aacggaatat 480
attgccagaa aactttcctg caaatgtgtt aaaagangtt attcatggag gagaagagtg 540
atatagatca gaacctgtat ttacaataag aaagcaagta tgttgaaaaa ggaaaaaaaa 600
tgttttatgt ttcttattgn aaggtctttt taaactacat ggtttggtta aaggtaatta 660
ttaagtaaaa tgggttttggg gccaanntnc ccaaaaaaaaa aannannnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnaaaaaa aaaaccttng ggncccttta aaaacttttt 780
nggggngnnn nntttt 795

```

<210> 2975

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 2975

```

cagggnnctt aatnncagct cttgttcttt ttgcaggatc ccatcgattg ggcaaatatt 60
aaatattcaa tgaatgatag ctgcctctac ttctcctttt gttgttttta ttttccattt 120
atggngtca tttatttatt ttaatgtctt cgaaagtatt gactttaaca agtactttgt 180
gatgcattta ttatttcatt tgttattatt tatgtatttg atttatttct ttgtgaggta 240
ggatanaatc tcantcagat ttttgctgtt aggataccac agactggata actacaaaga 300
aggggaagtct gtttaactcn caattctaga ggctggcgca tctaagagca tgacactggc 360
aactggcnag gatcatctca tgggtggaagg tngaaggag tacatganat anagagaanc 420
accatgggct ngactccgct ntgtacaacc aaaccttnan ntnactaacc cgntcntgca 480
ataatnacat taatccccctc atgaagggttc caccctcat gactgattna catntaatta 540
ggccccacnc tcctaanatt attcacttgg gagntcaaaag ntctaacacc gtnaaccttt 600
tgnngggata ncattccnaa ccnttncnc nattgntggn cnaaaaagna ccnttaccaa 660
tccctttacc ctntttgngc ntaacncnt ttannagcgt gananntnna ctgtttcttt 720
taaaatangg ntncctaaan tnncttggan taaattttta aattggnant atgnncanan 780
ctttc 785

```

<210> 2976

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 2976

```

gnnnnnnntt nnaaatnnna ngctacttgt tctttttgca ggatcccatc gattcgaatt 60
cggcacgagc ctctgcgcct ggccccgggt gggtcagccc gcgtggacca cctgaccttg 120
gcctgcaccc ccggcagctc cccacacttt ttgcgctggg tccacgactg cctgggcttt 180
tgccacttgc cgctgagccc aggtgaggat cccgagctgg gcctcgaaat gacagcaggg 240
tttgggcttg ggggactgag gcttacagcc ctgcaggccc agccgggcag cattgtcccc 300
actcttggtc tggttgagtc ccttccgggg gcgacgacac gacaggacca ggtggagcag 360
ttcctggccc ggcacaaggg gccaggcctg cagcacgtgg ggctgtatac gcctaacatt 420
gtggaggcca ctgagggggg ggcaactgct ggaggccagt tcctgggtcc ccctggggca 480
tactaccagc agccaggaaa ggagaggcag atccgagctg cagggcacga gcctcatctg 540
cttgctcgac aggggatcct gctagatggt gataaaggca agtttctgct tcaggctctc 600

```

acaaagtccc	tttttaactt	gaggaacact	ttctttcctg	gaagcttgaa	ttcaanaagg	660
caaggggggg	ccaactggct	ttttgggtca	angggccaac	aatcaagaan	cnttttgtng	720
gcaantcccg	ttaccangga	agccaaatnt	tggccaaggg	aacccccagg	aaaaccctn	780
aagggtatgn	ccccaagggg	ct				802

<210> 2977

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 2977

ggcncntttt	ctaagtcttg	gctactcgtc	ctctangcag	gatcccatcg	nttcgaattc	60
ngcacgaggt	gaagaagant	aaaagagaca	gaaagganga	acggctngan	gaaaaggaac	120
agngatgcga	aagaactnaa	gatagaaaac	caccattaaa	actnaaggan	tecnaggcct	180
annacnctca	annagggaca	ggaggctgac	ctttangctn	gtgnggagga	agtcctctnn	240
gccantggct	ntgcntggaa	aancatcatn	aagnagnngc	agcncaaggn	cttctccant	300
gaggaatagg	ctcaacgtgg	genctcaggt	gngagggnanc	atgagcncct	cntagtgtgga	360
acatatccct	aagngtatga	tnatgaatnt	cccaggagca	ttctgcaggc	nnttaaccat	420
angacnatnn	ngctgctnct	ntgcgnatat	tnnnntngna	nggancnatc	nannentatt	480
ttgaaacagg	tcccngncan	ttgaaatttc	catccnaat	ttcngtannc	aagggtttng	540
ctcatcctac	ncnatnnctg	ancagnntna	netattcnga	naagggtactt	acangnccan	600
cnantancat	tgtagnattg	cgntatnant	ccccctcctt	tnntaattnc	cctaangnac	660
tnaanttnna	anccnnggtn	gataatagca	acnntttcga	tgtggattta	antacccttt	720
gaattccaat	ttttgnttgn	nnattnctat	accttttanca	tgttgaatcc	ctnnattaac	780
aattncttta	ntttggaact	tcttaacca	ccttcaaatt	tttngccg		828

<210> 2978

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 2978

gnnnnntttt	cnaatgctng	gctactngtt	ctttntgcag	gatcccatcg	attcgtttaa	60
aaagcatttt	attatgtatt	atgaaatatt	tcaaacataa	aaagatgtaa	agactatcta	120
ccaatgactc	cccccttaat	aaaacaaatt	aacctgaagg	ctgttttggtg	cccctccttg	180
attgtgcatt	cacctcccaa	cccctcgctc	cttgggcaac	tggttatcttt	gttatttgtc	240
attgccttaa	cattagattt	ttttattact	gcttttgtaa	ttctaattgat	atcaaattgga	300
aaaaatat	tgaatgcaac	tcctctttta	atttgctcca	attgggtatct	gtatttttta	360
gtccatgoc	gtattataag	tattataaat	actatctgt	tatacttttg	ctaaagtcca	420
gtgtattngt	taaactgatg	atacagcttc	ataagatttt	angtcagcta	atggattgtc	480
aatattttgn	gtagaatact	taccagggtta	taaattacaa	tttgaaacat	agatatacta	540
tagttngaga	atttgaacat	agatatggat	tatgttgaaa	tcgactgcct	ttntcttagc	600
tatgacagta	ataaactata	tnacaacaaa	aaaaaaaaaa	ctatanaaac	tcgagccttt	660
tagaactata	tgagtongat	tacgcgatcc	agacntgnta	agatacattg	atgaatttgg	720
ccaaaccaca	acttgggaatg	caanngaaaa	aaa			753

<210> 2979
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 2979

gnnnnnnttt	caaatecgcta	ggctacttgt	tcttttttgc	ggatcccatc	gattcgaatt	60
cggcacgaga	gaggaggagg	aagaggagga	aaatggggat	tctgtagtcc	agaataataa	120
cacttcccag	atgtctcata	agaaggtggc	cccaggcaat	cttagaaccg	gacaacaggt	180
ggaaacaaag	tcacagccac	actccctggc	cacagagacc	agaaacccag	gaggacagga	240
aatgaacaga	acggagctga	acaagttcag	ccacgtggat	tctccaaatt	cggaatgcaa	300
gggtgaggac	gcgaccgatg	accagtttga	aagccccaag	aaaaagttta	aattcaaatt	360
ccctaagaag	caattegcgc	ctctcactca	agccattcgc	accggaacta	aaacagggaa	420
gaagactttg	caagtggtag	tctatgaaga	agaggaagag	gatggcacc	tgaaacagca	480
catagaagcc	aagcgcttcg	aaatecgtag	gtctcaacct	gaagacacc	cttgaaaaca	540
cagtgaggan	gcaagagcag	cccagcatcg	aagagtacat	cttccgattt	caaggaaactg	600
atgaaattag	aaaaaacacc	ttcngaaca	ttgggatagc	cttggaagca	ggacccatta	660
aacaagcttg	gaaaattcca	attcgggtga	aantgagttc	cccaaaagnc	ccttanttgg	720
atacctcatg	gttcntttcc	aacaggagaa	ttctggttgc	caaggttcat	ttcccaccat	780
tagccccaag	ag					792

<210> 2980
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 2980

gannntgcta	ctaattgcttg	gctactcggt	ctntntgcag	gatcccatcg	attcgtggaa	60
aataataaaa	gtgacacttt	atgcaaattg	gatggcctcc	gagctgaaat	gaaggaaactg	120
gcaatctttc	caaagtggca	gccaaggccc	cactccctgt	cctactcaat	ctctgnnnngg	180
aaaaactgtg	ggatangata	gcagncagct	ggggacacac	agaggaacat	tcaacaggaa	240
gggtcccgtct	agggaaaaag	ccacanancc	catcctnttg	ccgattcagg	gaccttgga	300
tntaagtgga	ttaaaccgana	gggaggaaan	ctntcatttc	antggtcttc	aaatcaagtt	360
gaaatattac	tgngagggtat	cccacttnag	cctgaaccag	cagacntacg	anagggtcac	420
tctagagtca	cnaaggaaaag	cangtccnc	ngaattgcaac	acattgatcg	gaagtgnacg	480
ncncagacna	agaatggccn	acttgataat	tacttangac	ntntatttna	ccggangaac	540
atnnaaatac	ttttgtaaat	attcatattg	ntgaaccttt	cataatcagg	aatttactat	600
gtactatact	gtnagtnata	attcgctat	aatttactta	atctatctcc	ttntangaca	660
tatacnnaaa	tgggntnctn	tggaagttgc	ctngtgcgaa	aatgttttta	aaagtttttc	720
aatttggttt	ggaaaactct	aacttttttt	nnttttn			757

<210> 2981
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

<400> 2981
 gnnnnntnnn aanaacagct cttgtttcttt ttgcaggatc ccatcgattc gaattcggca 60
 cgagggttacc tctcaatttt aacttttttt ttctttttta attaatgttt ttaccocatg 120
 gcaagctgta atagcttttt tgaggggagg taggtgcttg ataaagaaca gtaggtgctg 180
 cttatcaaca gatgaaagga gggttctttt tcaggcaacc atctcatttg tgagtgaatg 240
 gactttctct ttaaagtgtc gggattgnta gtgccatttn tattgtaaat atcagaattg 300
 ttattcnttg tcttctacct aagaattctg tctcttaggc tttctcttcc cagatttccc 360
 aaagttggga aaagctgggt tgagagggca aaaggaaana naaagaattc tgtctctgac 420
 ataattagat agggaaccan ttgggaagct gtaagaataa tgcaggtgca aggtgggtggt 480
 ggttnagagc cgggtgatag ctgtggatgt agaaagaatc tgaatatatt gtgtcatagg 540
 gntgacctga tttgctaata gagtagttaa ggatgtggna aagtggaaac aagcatggct 600
 tcaangtctg ggcctgaaaa accgggagaa tgagtcacat naactaagac gggaaagaca 660
 atggtagggg cctgtttagg gaanactnng nagaagatta nncctcatt nctaatgatg 720
 taatncatan aatcttgcan gagcctt 747

<210> 2982
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (745)
 <223> n = A,T,C or G

<400> 2982
 nntgtngntc naatgctagg ctacttggtc tttttgcagg atcccatcga ttcgctagag 60
 tgcaatgttg cagtgcaatg ctgcaatctg ggctcactgc gacctccacc tcctgaggca 120
 ggagaatggc gtgaaaccag gaggaggagc ttgcagtgag cagagatcgt gccactgcac 180
 tccagcctgg gtgacagagc gagactccgt ctcaaaaaaa aaaaatctaa ttatcaaagt 240
 cateccattg tgatagtcct acattatgtg acattaacct atattcctgg gtccttttaa 300
 ttcccaacta ctgctcttag aggtcttagc cttttatggt aatttttata aattcaatta 360
 aataaatatt attcccaaatt cttagtgttt gcagattagt tataaatcct atccaaggta 420
 ggtaaaggc caccgtttta cagataaata gtacttttta tatttttatc tgaaatagtg 480
 catttggtga gaataaaaga aggtatgttt aaaaatagaa tcttttgggc ctggtggtac 540
 gcccttgtag tcctagctac ttgggcagct gangtggagg atctncttga gcctaggagt 600
 tccagactgc actggcgtca ctgnacttca gccgggcga cagaatgaga ccctgctntt 660
 aaaaaaatat naaatngact attttatagt tgaatgttag ttagcaagtt atcatctgag 720
 ccttaagtca aaattaaatc tttaa 745

<210> 2983
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (785)
 <223> n = A,T,C or G

<400> 2983


```

gnntntttcta atngctnggc tcttggttctt tntgcaggat cccatcgatt cgaattcggc      60
acgaggctgg tgtaggggtt ctttggtttt ggggtttggc anagatgtgt ttaantgctg      120
tgccanaag cggagggagg gggtttggtg gaaattcttt gctatgatgt ctntgtggaa      180
agcggctgtg catacattca attgctatta aaaaaaaaaa aaaaaaanca caaaagataa      240
nnctaataaa anaaatnctc ataaganacn angaccttnn aacntnttctn nactgggtatt      300
nngtaaatcc atccttnanc ananncatnn tnnagttcng accaacaann nntngatnnc      360
cntgnaaaan ntgnttnatn agggaaattc agcgatctat tgnttnatng cgancctttt      420
ntgannccaa taancaggnn aaccacttcc atggntttcg tnaaatnctn aaggntcggg      480
gngaannatt cngagngtct ncaatactcn gncntagagn tattccatgn cccccagnac      540
ctaaatcttt ggccttttaa gcatagggaa tttccccacc nnccttaat gctagccatt      600
ntctgtttca tncncaaatt ttgnacttcc cataaccact tccaaganaa ananttttnc      660
ncggcggaac tntacttggg aaaccctnnc gagttcccta angaagaagn ncctaacccc      720
ccattnaaaa ttgacgtncc gattttgntc canccgtttt gancaannng gnaacccttc      780
cggac                                                                    785

```

```

<210> 2984
<211> 798
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(798)
<223> n = A,T,C or G

```

```

<400> 2984
gcaatgcngt ctttgaatcc cgtttntaaa tccctctggt tgcaggatcc catcgattcg      60
aattccaatt ccacattttc aagaaataag gaggcaaaaa ttttcatata tgaattggaa      120
ttatttggtt tcttattagg ccgagatgcg ccgcgtgcgg ctgctggaga tggcggacgc      180
gatggatatg ttctgccaag ggttggtttg cgcattcaca gttctccgca agaattgatt      240
ggctccaatt cttggagtgg tgaagaaaga aaaaagttga actagatttg gtctgatgca      300
nttacagatt tacaaactgt gccccacccc tcctgcagac accttccact cctcattctt      360
gagggattag ggatggaggt catgcttctg tatcgacttc atgctgacca gggtcactga      420
gtcccctaaa gtgagaggaa tgaaactctt gggcttctga gttcaaataa gttctggggg      480
cacctggagt agcttgaaag gctgggtatt gtgtaataca ngctgaangt ggaagtgttg      540
gaacctgaag gacaaacagc tnaccatcca tttaaataaa taagggccca aaagttacca      600
naaccagtgg ccacnaaggg gccccagcag aaggaaanaa accnnggtga aggtgccggg      660
ataatnggac ctcgantgcc tttttaaaat ctcaannngg tttggccccg gggtccaaat      720
gggctttaac gnccttgga atttccagcc nnaaagaaaa aacccccnaa ggccaagggg      780
ggaatccntt aangggcc                                                                    798

```

```

<210> 2985
<211> 773
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

```

```

<400> 2985
gcaatgcttg gnnanatnnn aggtctcttg tcnatcgnt tgatcnacc catcgnttcg      60
aattcggcac gaggttacct gtgtatgact gaagtacata ttcgttatct gcgtgagaca      120
gtacagattg gtgtatagta ttttacagcc acttcattat atgctatttc cgtgtactgg      180
caaaaaagag aataaaactt cctaggatat aagtacctac tgctgttttg gtgcatgtcc      240

```

```

agttaggctt ttctcttttt atttgtttgt gtacctgtaa ctccatataa gcatatataa 300
tcatgttaca tatgttttaa aggcgtcatt ttgcaatgca gttttatcac tagttttttc 360
tctgtcaagg gatgtataaa aatggatcac aaatctaaat ttaaaactat anaacttagg 420
agagaatctt tgtgatcttg gattaaacaa agatttgta gataagatac agaaagtatg 480
aacaacataa gaaaaaagtc tatagtttaa acttttttat attcagtttt gcttttcaaa 540
atataccttt aangaaatgg tctgggtaag gtgggctcac acctgtnatc ccagcacttt 600
tgaaaggctt gangtgggaa gtttggcttg aggctaggaa gttcangacc cagnctgggc 660
accatagcaa gganggtctt ttacacacac acaccacnac ncacacacac ncacacacna 720
nacaccgcan cccaggtngc ntttgaaaga actggctttt tacacacccc cac 773

```

<210> 2986

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 2986

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gtacagattg gtgtatagta ttttacagcc acttcattat atgctatttc cgtgtactgg 180
caaaaaagag aataaaactt cctaggatat aagtacctac tgctgttttg gtgcatgtcc 240
agttaggctt ttctcttttt atttgtttgt gtacctgtaa ctccatataa gcatatataa 300
tcatgttaca tatgttttaa aggcgtcatt ttgcaatgca gttttatcac tagttttttc 360
tctgtcaagg gatgtataaa aatggatcac aaatctaaat ttaaaactat anaacttagg 420
agagaatctt tgtgatcttg gattaaacaa agatttgta gataagatac agaaagtatg 480
aacaacataa gaaaaaagtc tatagtttaa acttttttat attcagtttt gcttttcaaa 540
atataccttt aangaaatgg tctgggtaag gtgggctcac acctgtnatc ccagcacttt 600
tgaaaggctt gangtgggaa gtttggcttg aggctaggaa gttcangacc cagnctgggc 660
accatagcaa gganggtctt ttacacacac acaccacnac ncacacacac ncacacacna 720
nacaccgcan cccaggtngc ntttgaaaga actggctttt tacacacccc cac 773

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<210> 2987

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 2987

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accttggaag gcttgcnaa atacctgcat taccctcgca gtnggtagta cangacacca 180
tgatatgtgc cgacatgagt cattttacag cccacttcat tatatgctat tgtccagcgt 240
gctggcaaaag actagacata aaacttgact cgatctnagt ncctactgct ncaacttggtg 300
catantcatg ncggctctgc natcaagnta atgcatgagn acccntcact ccatatnntc 360
natancaac ntgttgcaat gcttcanagg ctntntatgg gctaagcaca aacatgctng 420
aagggaatct gacgaatgac tgtttanaat gggatcgag tatntaagta ttagggactg 480
aacctnttag tgggagtaat ctttgtgatg catggatgta aacagcnaat ctgggtaata 540
ganacanaag agtgtgaacc gcattgtata aantgtntat aggttaaact tttntatatt 600

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cagttttgct	tttcaaaata	tacctttaag	gaaatggctct	gggtaangtg	gctcacacct	660
gtaatcccac	acttttnaana	ngcttnangt	gggaangttg	gctttgaggc	taggagttca	720
ngaccagcct	gggcaacctt	nncaagantg	ggctttttaca	caacacnnct	ccacacacac	780
ncnnactnca	nanacacacg	cngnccaggn	tancattanc	nanganattgn	ntttttttacc	840
cccnccnccn	c					851

<210> 2988

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (851)

<223> n = A,T,C or G

<400> 2988

tcaatnnmta	gggncngggn	tnccnttttn	ntgggccagg	gcantacccc	cnattccgcg	60
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accttgga	gcttgcnata	atacctgcat	tatcctcgca	gtnggtagta	cangacacca	180
tgatatgtgc	cgacatgagt	catttttacag	cccacttcat	tatatgctat	tgtccagcgt	240
gctggcaaag	actagacata	aaacttgact	cgatctnagt	ncctactgct	ncacttggtg	300
catantcatg	ncggctctgc	natcaagnta	atgcatgagn	accntcact	ccatatnntc	360
nnatancaac	ntggtgcact	gcttcanagg	ctntntatgg	gctaagcaca	aacatgctng	420
aagggaatct	gacgaatgac	tgtttanaat	gggatcgag	tatntaagta	ttagggactg	480
aacctnttag	tgggagtaat	ctttgtgatg	catggatgta	aacagcnaat	ctgggtaata	540
ganacanaag	agtgtgaacc	gcattgtata	aantgtntat	aggttaaact	ttnttatatt	600
cagttttgct	tttcaaaata	tacctttaag	gaaatggctct	gggtaangtg	gctcacacct	660
gtaatcccac	acttttnaana	ngcttnangt	gggaangttg	gctttgaggc	taggagttca	720
ngaccagcct	gggcaacctt	nncaagantg	ggctttttaca	caacacnnct	ccacacacac	780
ncnnactnca	nanacacacg	cngnccaggn	tancattanc	nanganattgn	ntttttttacc	840
cccnccnccn	c					851

<210> 2989

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (744)

<223> n = A,T,C or G

<400> 2989

gaanctttga	ttcctttctn	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gggcaggcac	tggagagcca	gggtggttca	gnngcagctc	ctctgagcag	ggagtcaaac	120
agggctgaaa	cagacaccag	ctctccagga	ccagctgctc	caggaatcaa	cctctaccct	180
gaaccaggtc	cctgaggacc	accacgtggc	tgcaacacag	caggagttca	cagtccagag	240
gagaagcccc	atgctgaaca	gagaatcaca	tccgtgagca	acacaaaagg	tctcaatcaa	300
aaacctctga	aagccactgg	cctagagtta	gaggaagagt	tagccatgag	aaatgggtgt	360
gacacagggt	ccaaaagaag	aaacaatagg	tatcaggctc	agagatgaaa	gggctagaag	420
gaggacacac	cangttcaag	gtctggcctt	tctcgagggc	agtggggagc	catgggagga	480
gcctggacct	gtggccttcc	tgcttcacct	gggcctnaac	ccgtnacgac	cacctggcct	540
ttgagggtgta	tctcgtttct	catcataaga	gctctttcgc	tcgtgtngaa	ctgggaantg	600
gccgtcattg	gctgcgcata	cctaaacttg	gtcagggcag	aatgattgct	agtnaccacg	660
tgaagcagga	aacccccgga	ttaacttgca	gaatgagttg	gtgangcttg	aaataaatgg	720

tggaacatn gtggcaatct tttta

744

<210> 2990
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

<400> 2990
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 cggcacgaga acacttacag cctatatgtt aacttctctc ctgggatata gaaagtatca 120
 gcctaacatt gatgtgcaag agtctatcca ttttttgagg tctgaattca gtagaggaat 180
 ttcagacaat tatactct cccttataac ttatgcattg tcatcagtg ggagtcctaa 240
 agcgaaggaa gctttgaata tgctgacttg gagagcagaa caagaagggt gcatgcaatt 300
 ctgggtgtca tcagagtcca aactttctga ctctggcag ccacgctccc tggatattga 360
 agttgcagcc tatgcactgc tctcacactt cttacaattt cagacttctg agggaatccc 420
 aattatgagg tggttaagca ggcaaagaaa tagcttgggt ggttttgcat ctactcagga 480
 taccactgtg gcttttaaagg ctctgtctga atttgcagcc ctaatgaatc agaaaggaca 540
 aatatccaag tgaccgtgac ggggcctagc tcaccaagtc ctgtaaagtt tctgattgac 600
 acacacaacc gcttacttct tcagacagca aaacttgctg tggtagacca atggcagtta 660
 atatttncgc aaatgggttt ggatttgcta tttggcactc aatggtggat ataatgggaa 720
 ngcttttggg ncttttaaaa nacaaaa 747

<210> 2991
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (756)
 <223> n = A,T,C or G

<400> 2991
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 caggcagagg tgccctcagc ccagggttagc aacactcata gttttgcca ttaccagtag 180
 acactagtgg aaccatctaa ctggaacttc ctctctcctt ccacttattt cctcaaactt 240
 gttgctttac actagacaca tgcaaatgta tgttttaaac acacaaaac agatcatgcc 300
 aaatgagttg cctgtcaaag gctggagggtc aggaggagg cctgggtttg ggttctttcc 360
 tcccagcctt tggatggtgc cttgggcccc ttagccccag cgccagggtc tcccagctga 420
 ggccacagga aagcactttt ttatgatgta ctaaaagcca cagtatgtgg caactgcaaa 480
 aggatcagga atttanggtg tgatctcggc cacgtgtccc gggcgctgag gggaaaggaa 540
 gcgggcatga ttgtagacaa tgagggggtt ctcttgatgt aatgaaatgc aattttatgg 600
 tttggtgcaa aaactctatt ttccagtaaa ttaactttat ttctnaagca tattttggat 660
 ttgccatcaa gaagcaataa agcattaaat ctttaaaaaa aaaaannnnn nnnnnnnnnn 720
 nnnnnnnnaa aaaaaacttn gagccttttt naactt 756

<210> 2992
 <211> 824
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(824)
 <223> n = A,T,C or G

<400> 2992

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cgnttcgaat	tcggcacgag	gagactccag	gctgagctgg	ctgaccgacc	caatccccct	120
acccgccctc	tgcccgtga	cccgggtggg	agaancccga	aggtaacngt	gggggggagag	180
caaaaaaacac	atgaaaaaat	gctcatcatc	actggccatc	agagaaatgc	aaatcaaaac	240
cacaatgaga	taccatctca	caccagttag	aatggcaatc	atagagcttt	tcatttatct	300
gagtgttttc	ctctgcttgt	cgggaacttg	gctttcacga	gctcctgctc	tcatatcagg	360
ggagtgaata	attgaatttg	gatagttttt	tgggttttag	ttggaacact	ccttttccctg	420
tggaacgtct	atagaaaaaa	tgagtcaaac	aganaatatn	caggggaggc	aactctgaat	480
gcttccatgg	ctacatacat	acctgtttct	ttgatttgct	aaaccctaen	ttaaaaggaa	540
agtactgtct	aaaatanggg	agaaaattcc	ctatatattat	acccatcatt	ttgagtnttt	600
tacaattggg	antgggttnn	gtattattaa	attgggtcaaa	aaaagggttn	aaaacaanga	660
cttncnttaa	aattttaagaa	aggggnaaaa	cttttttttt	ttaantggat	tgggaaaata	720
gggggcttta	aataaaaaact	ttnaattntc	cttntaactn	ccttttaaan	atttttgnna	780
attanaactt	ttgaactgnt	tcnaanaant	ttgntncatn	tnct		824

<210> 2993
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 2993

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aagtcactac	taatcatgac	tagctgatta	taataattga	gagtaaactt	ttaaaattat	180
taaatatcct	gtgaaaagtg	gagcacagta	accattaacc	ctaaatttga	tactatgtcc	240
atatgaattc	agatcataat	agtgtctctat	catgtgaaac	tactaaagga	tgtatagagt	300
taaatattac	gtatccactt	taatgaagaa	taggtattac	acagtaatgg	ttgtttaaaa	360
aaatTTTTTT	tatataatat	cagagtttac	ctgatgtgct	tgggcatgca	tagntgtcaa	420
caatgatttg	ctagttgtac	agttttgtat	gctgatcaga	attatcanaa	gtttgtaaag	480
catcttntct	tttgattcat	acatgaaaca	aaaacaattc	tgtgtattct	cagtgttctg	540
gataaaaaaa	ttttaagtgc	atatactttn	taggaaatat	gacagatgct	tgtcataata	600
caaaaatatn	ttactttttt	attatgctca	ttncatatggg	gagaggaaac	ntancccgga	660
aggaaggaag	aatanggatt	ggaaaacatt	tggctactta	cctgcaactc	atccntggac	720
aacangccat	gtgcacattt	acacccatgc	cccatatacc	ncatg		765

<210> 2994
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 2994

ctnctntgac	taatgnactg	aacngcaa	at	tccntanna	anccnngcgg	tgcggnctn	60
cagactgtag	aagcagaagg	nnccatnccc	gatgnttngn	ttttgggtgn	aaggaccgnc		120
cnntntagnc	nctgtccctg	atatgacgcc	gcaatgccng	angaancnca	cccaanacga		180
cangcttgtc	nagataagcn	cgcacaggga	gcangcagna	ctgctgcagn	tgccgcagcc		240
gcanccaccc	tacaggganc	tgcaacaaaa	tggaacaaacc	acancanagt	cngaggagaa		300
tggagcccc	acnataccaa	ataaccatac	ngatatgagg	gaagtggatg	gggatgttga		360
aatcccncc	aatnagcag	ccgtgtannn	gggccatgaa	tctgaaactc	tatcaagngc		420
ctgcancccn	ggtagcganc	tcctagcgnc	atggnctggn	gactcaacan	cangnatatg		480
gaancttaag	cgagaacanc	ancagnngct	ctacanagcc	gtactnagan	atngtatncc		540
acanggangg	cancangtnc	caagcnacaa	ngangtnana	ncngtanacg	ggaannaana		600
anggacactt	ntggccaccn	gggccctatg	angggaancc	ccngaatacg	gactaaagaa		660
ggnaaacctc	ctaaccanct	tangggcaca	ttaaagccct	ttattcnat	taaaaaggna		720
atnccaaagg	aaatttncaa	cccaagcncc	cggccgnngn	naaaat			766

<210> 2995

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2995

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cacgaggaga	atactttata	cttctcagct	ttttttgtat	ttgactgtga	cctgggtata	120
ccatttgcca	ctgtgaggct	tagctgtgca	tctgtgaatg	ggagattgtt	cttagagatt	180
ggatcatagt	gtccacctgc	ctcggaact	gcaggtacaa	atgcagcagc	aaagtattta	240
cattcttact	tcagggctga	tctcctat	ctatcagtc	ttttgaaggc	anagaatgtt	300
aatttggaac	aacctgcata	tttattcaaa	tttcagaga	gatgaaactt	tcagaatgct	360
gtgctgcagc	gccccctagt	gccngctgt	actgatagtc	cccagcgtct	cctgaagccg	420
aaagtgggtg	ttcccgagc	tccggcgagg	gagctgtagc	cagcaggttg	tgcaagtga	480
cattagacat	cttttctcct	tctcgccttc	cttgggctga	gatggaggaa	tgtgtcttta	540
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aacctttgcc	caaggtttct	caactcaagc	cccctgaggc	cgtagtgggc	ttcacacacc	660
tccagaagg	aaactgacca	gcttanccaa	caggttatgc	tttaaggang	aagggtcttt	720
tggttcccat	cctgctgggg	gggggg				746

<210> 2996

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 2996

tcttctnant	tcnnttggt	cttgntcttt	ntgcaggatc	ccatcgattc	gcggcacgag	60
cccaggetgg	tcttgaactc	ctcagctttt	acttttagctt	cccagtgtgt	tgggattaca	120
ggcatgagcc	acaataacctg	gccaaagtcct	tttttttaaat	caaatagactt	attaatacac	180
agtttctttg	ccagctttttg	ttttcatttg	ctatcaaaaa	tgttgcttag	tagtgctttg	240
atctgagtta	tcaataacag	gtaaatgcca	ttatggataa	taattcaaaa	agaagcttat	300

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taattattag gcctatctga gagtgaagta aagtttagcat tttctttttg tttatttttac 360
ttattgttta ttgttttaga gacaggggtct cgctgtgttg cccaagttgg agtgcagtgg 420
tgctgtcata actcattgca gtctcaggct ggagtgatcc tcccatctca cctcctgag 480
taggtgggat tagcatatgc caccatgcct ggctaattct tttatttttt aatttttttg 540
tggagatggg gtcttgccgt gttcangttg gtttcaaact cctgggctca acggcttggc 600
ctccaaggtg ctaggattac aggtgtgagc taccatgccc agctgagcat ttttaaaaaa 660
tactgggctt tgacatgagt cgttactatt ggatctaacc ttatgactga tatccctaaa 720
aatattataa aatttaagg 739

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<210> 2997
<211> 748
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

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<400> 2997
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ttctctatta tatctgttga gggaatgtta tcatgagcac aggtattagt cctatgcttt 180
taatcggttt agtggtttct ttgtgtctca ttttattcat ttgtaatttt tttaaagact 240
ataaaacttc cacagtttct ttagatcatt aagttatatg actctttttc atgggggtca 300
gttaacaata cataagaaaa catttggtct aggataatat atgacctaac agtcttttgt 360
tagacttaga gatatcaata tgctttctat gtttcaggca tattttatat tcctggaaat 420
taaacaatat attttaggac cccataccat gtgtctctcag taggacgac acaaatcagt 480
gatcatattc tagtggttct ttataggaaa tgtaaaccta tgtcattaca ttgtagtac 540
aactgacagt gaaatattta aaaaatctnt gtcagccaac aataatcata cttcaaataa 600
gccttatgat atgtgatatc acattgggtga gtgaattttg gtcaaggcag tanaatggag 660
tactaagag gacagtngga caagctgtct gagtttcaat cccagctntg gtactcacta 720
ntggngacat ctttgggcca atttactt 748

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<210> 2998
<211> 745
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

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<400> 2998
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acgagaccat gttgccagct ctggtctagt ctgttttaac aagttgttgc tgtgtaatga 120
tatatgtgtg gtgttaattt gcttgttcct aagtttaaat gaggtagagc attttatgac 180
atgcctgttc tagtcttttg cttatttttc taattgcctt ttctttttct taataatttc 240
agttcttcat atgttcagca tactagtctt ttgtcaattt acatgtattg aatatatata 300
ctctcccatt ctgcggctta ttgttccatt ctcatgaac atttgtaatt ttaatgtcct 360
atttagacct ttcctctgtc tattgtttta tattttgtat taaaggagtc attcattact 420
ccaagatcat gaagattttc ttgtatgtaa tcatgtaate ttcttaaaag ctttatggct 480
tttgcttttt tttttttttt ttaagagtct tgttgtgtct ccaaagctgg agtgcantgg 540
cacaatcaca gctcactgca gcctcagcct cctggccca agtgaccttc cacctnacct 600
tctgagctgg gactatagcc atgcaccacc atgccagca aatttttatt ttttgaagag 660

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cccgattcac tggggttgcc cangetgggt tcnaatgccc tgggctcaag tgatcatect 720
ggcntgggcc tccaaaggct nggga 745

<210> 2999
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

<400> 2999
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ttcgaattcg gcacgagtct cgatctcctg acctcgtgat ccgccnnctt cggcctcccg 120
gggtgctggg attacaggcg tgagccaccg cgctgggcct ggatcaaatac tttatccatg 180
cacattggaa cacaggatta ctgggtngaa atcatnctag ttttgcatt tagatacttg 240
tagatgaatac tatttttagca canggtataa ataactcggg aggtcatctc tatcttnttt 300
ncttttgtgc atntggctat accacgttta ggtactaaaa cagctttgct tatgttggcc 360
angggaaaac atggnattct gtgcgcaaag ctaatgactn ncagccctgc cttggccctt 420
cccttgntta tgggtcattgn aagatgccc cgatgttaagg ctannnctgt cactgggctg 480
ggtgtaatac ccgatnnatt cctgcngcna ncctctnacc cgaaacatga anggcactgg 540
gctctattga gatctcgata ngatcatcat tntnaactng tnttcnactg agggangtaa 600
acatgatatac tgggtgctgg tggattgaga cctcaagcat caattcaaaa gtgctggcaa 660
naatatgcac ttatntnntt ntgcactctg gctaagtgtg ngctctgatg ccantttata 720
agttgggnaca ttctggggaa aatggtnca ttttnaa 757

<210> 3000
<211> 860
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

<400> 3000
ngctnctnnt cnnngntggct tncgtgctcc tgcangagcc natcgattcn aattcgcaag 60
aggccnacac tcgnattccc cggcccttng cagcnttgga gctctagccg gggccggagn 120
gggagcggcg gggcccttgg agagacgggg ggcgcaaccc ggacgacnct ctgngaccgg 180
ntacggggac tgcgccgtgg gcgcccggnn ccaggacgag ctaacagctt tgcttcgcct 240
gacgggtggg accggtgggc nagaagccng ancccgcggn gaaccctngg ggattgagcc 300
gtcgggtctg cangagccac caggnccttt cgttcgggag gccgaccggg ccgggatgag 360
ggagccagag gccaggagg actacttcgg aatcatgctc acatgggtccc ctntgcacgg 420
agccctctgc caagccagat ccttttcttc atncttgga gtctgcagtg gagagaaatc 480
attctataac tgaacagctc gtttgactga tgggaaaact gaagtccan agacgatntc 540
tgggcctacc tgggtttctc tagaaaagta ttttcaagtc tgggtgcttg aaccacctgt 600
gggacntggg gatttttttg aancggnnca attccttaca acacntggna accnnganna 660
accnnttacc cctttggccc ctggtnggtn aannnnnttt tttcttnccc ccaaaccng 720
gnaaaaacct tnaagggcnn ttcttggnaa ttggcccagg ggggganccc aattaanctt 780
tttcnnaact ttttttttcc cccaanggtt ttcccccttt taaggggnaa annggggnt 840
ngnccttgan nggttttana 860

<210> 3001

<211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 3001

ngctnctnnt	cnnngntggct	tncgtgctcc	tgcangagcc	natcgattcn	aattcgcaacg	60
agggcnacac	tcgnattccc	cggcccttng	cagcnttgga	gctctagccg	gggcccggagn	120
gggagcggcg	gggccccttg	agagacgggg	ggcgcaaccc	ggacgaacnt	ctgngaccgg	180
ntacggggac	tgcgccgtgg	gcgcccggnn	ccaggacgag	ctaacagctt	tgcttcgcct	240
gacggtgggc	accggtgggc	nagaagccng	ancccgcggn	gaaccctnng	ggattgagcc	300
gtcgggtctg	cangagccac	caggnccttt	cgttccggag	gccgaccggg	cccggatgcg	360
ggagccagag	gccagggagg	actacttcgg	aatcatgtct	acatggtccc	ctntgcacgg	420
agccctctgc	caagccagat	cctttttctt	atncttgga	gtctgcagtg	gagagaaatc	480
attctataac	tgaacagctc	gtttgactga	tgggaaaact	gaagtcccan	agacgatntc	540
tgggcctacc	tggtttttct	tagaaaagta	ttttcaagtc	tggttgcttg	aaccacctgt	600
gggaacntgg	gatttttttg	aancggnnca	attccttaca	acacntggna	accnnganna	660
accnnttacc	cctttggccc	ctggtnggtg	aannnnnttt	tttcttcccc	ccaaacceng	720
gnaaaaacct	tnaagggcnn	ttcctggnaa	ttggcccaag	ggggganccc	aattaanctt	780
tttcnnaact	tttttttttc	cccaanggtt	ttncctcttt	taaggggnaa	anngggggnt	840
ngnccttgan	nggttttana					860

<210> 3002
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3002

agctnccaca	nanagctgna	ttccganctt	nctgcaggag	ncntcgatn	cgaattcggc	60
acgaggccgc	cactcgtatc	ccccggccct	ttncagnntt	ggagctctag	ccggggccgg	120
agtgggagcg	gcggggccct	tggagagacg	gggggcgcaa	cccggacgac	actctgtgac	180
cggtacggg	gactgcgccg	tgggcgcccg	gtaccaggac	gagctaacag	ctttgcttcg	240
cctgacggtg	ggcaccggtg	ggcgagaagc	cggagcccgc	ggagaaccct	nggggattga	300
gccgncgggt	ctgcaggagc	caccagggtc	tttcgttccg	gaggccgccc	gggcccggat	360
gcgggagcca	gaggccaggg	aggactactt	cggaatcatg	ctcacatggg	cccctctgca	420
cggagccctc	tgccaagcca	gatccttttc	tccatccttg	gaagtctgca	atggagagaa	480
atcattctat	aactgaacag	ctcgtttgac	tgatgggaaa	ctgaagtccc	agagacgatt	540
tctgggccta	ncctgctttc	tctagaaagn	atthttcaaag	tctgcttggt	gagcaccttg	600
tggactggca	atntttgacc	ggtcatccta	cacactgnaa	caagagatca	taccttggt	660
gnggtagcct	ttntttccca	acagaaacta	aancatntga	atgcccggga	ccatatcttt	720
gaattttttc	aaggttcctt	aaggaagngg	gngcctgggg	tnaa		764

<210> 3003
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3003

agctnccaca	nanagctgna	ttccganctt	nctgcaggag	nccntcgatn	cgaattcggc	60
acgagggcgc	cactcgtatc	ccccggccct	ttncagnntt	ggagctctag	ccggggccgg	120
agtgggagcg	gcgggggccct	tggagagacg	gggggcgcaa	cccggacgac	actctgtgac	180
cggctacggg	gactgcgccc	tgggcgcccc	gtaccaggac	gagctaacag	ctttgcttcg	240
cctgacgggtg	ggcaccgggtg	ggcgagaagc	cggagcccg	ggagaaccct	nggggattga	300
gccgncgggt	ctgcaggagc	caccagggtc	tttcgttccg	gaggccgccc	gggcccggat	360
gcgggagcca	gaggccaggg	aggactactt	cggaatcatg	ctcacatggn	cccctctgca	420
cggagccctc	tgccaagcca	gacccctttt	tccatccttg	gaagtctgca	atggagagaa	480
atcattctat	aactgaacag	ctcgtttgac	tgatgggaaa	ctgaagtc	agagacgatt	540
tctgggccta	ncctgctttc	tctagaaagn	attttcaaag	tctgcttggt	gagcaccttg	600
tggactggca	atntttgacc	ggtcatccta	cacactgnaa	caagagatca	taccttggt	660
gnggtagcct	ttntttccca	acagaaacta	aancatntga	atgcccggga	ccatatcttt	720
gaattttttc	aagggtccct	aaggaagnng	gngcctgggg	tnaa		764

<210> 3004
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3004

nntnctnnc	tnntttggct	accggttctt	tntgcaggat	cccatcgatt	cgcagatata	60
gcctagtgtc	cctcagttac	acaatagtgt	ntnccccntt	ggtaggacag	tctactactg	120
agtcctcctg	gcatgagtcg	agctgagatt	aggatagggt	aatgaccctt	cagttttggg	180
gaagggacca	gagctcggcc	agtgagaagc	ttccagctcc	gtctggccat	atccaggctg	240
ctgagggtcc	tgggctctgt	ccttaaacct	catcactgac	atgaccacgc	aaacctcctc	300
aagaggaaaa	agtccccctg	ggtcaaacac	agcttgtgca	gttctcgggg	acctcctcct	360
gccatcctgg	ggatgctgtg	gagaatggag	atgcacaggg	ggctttgtcc	tctcctctgc	420
cttttgaga	aaatatttca	ctcaaggcaa	acgcagcctg	agggcagcac	aggggacccc	480
aaggctcact	gcgcatttct	agtcgcccc	aaacgcgtgg	gttttcctcc	tggtctcctc	540
gtgggtgccc	ttgctcattc	tcactcctcc	gttctcatnc	agtctgccc	gtctgaccgg	600
cttccancag	catccggcca	aaagtttctn	ccatgacagc	aggaaccacc	tnagacaata	660
catgatggac	angcctgctg	ngttccaata	gaaccccgan	ttaattaanc	ccgaccttcc	720
ttttanctgg	atactggtaa	tgacaggggt	c			751

<210> 3005
 <211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 3005

gnnnnnnnnnt	ntatanatac	angctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	cctcatcagc	aagccagtga	gaggggtgcct	atccgaggat	gatattccat	120
cacctntgtc	agattctgct	tactagttag	nccccaggcc	caggccactc	gcaaggggag	180
gacattacag	gaggcgtgag	tataggtggt	gtgatctgtg	gggaccgtcg	cagaggctgn	240
ccancacaag	gggttaaaac	ctataaaact	tcgaagttag	atttaataat	tntcaattac	300
taggaaatag	ataaaaacaa	atcttctgtc	cttcacanaa	actaaagta	tgtattggat	360
tttntatccc	ccctgaattt	tgctgtgtgn	gtgcttccca	gttgaagcag	taattcaggt	420
tcattaatgt	ttacttcaaa	gcgaattgg	agncttgact	nacacagttc	aacgctcttt	480
tcagtaacan	tntcaaattc	ctttacgggt	atttnttgcc	acataacaca	ctatcctaaa	540
atgctggggc	ttaaagcagn	caccactgtg	tttgcttctc	atgctgnnga	tcagcattta	600
nggctgngct	cgngntgggc	cgnttttcat	gtgaatttag	ttcttgggcn	ttaacttcgt	660
gtgggggtctn	gcccntnggt	cttgntgggc	naacttggga	caattcccag	ggggaccctt	720
tgggaatggn	ccttgngaaa	ttnccgga	ccgtggggnt	ttnccecaan	ccaaantttg	780
nnaaccagg	gg					792

<210> 3006

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 3006

cnentnaact	cnnaaacttt	ccgcccncnn	ngcangaccc	atcgatncga	attcggnacg	60
agcctgnntc	caggagatat	gneggttttn	tcagcagtga	tnaaaatcnt	gggcagggtg	120
tatngcnctg	ttngcntgaa	ncacacncac	ctacncngcn	ggaaacaagc	aggntgntgc	180
ttacttgctt	ttcccaggca	gaagtggcca	gagncggggc	ngaaaggatc	caccaacanc	240
cncnatnca	tgatngcann	tgncnntnn	tgnaangnc	ancaaaagcn	cacttgctgg	300
tgaagggtgcg	ngangnnggn	nncaaacnct	ttnacncgca	nnagaaccna	atnctttaac	360
gggnacaaat	ggggctgctc	acgctctgga	ccntccccg	gaagactctg	aanagnnggc	420
tccntttcgg	gttgtgcaat	ggtgcttgna	gtgcccacac	ccnacaaaac	tgaataatac	480
gaatggnttc	acgtatanag	ncacannnca	caantgcccg	actacagccc	ntgancgaat	540
gnaancactt	gcncatatta	cntgacnctg	gannacaaac	tntgaaaant	actctctgnc	600
ctgggnngcc	atnaattctg	ccacctgnag	atnccccatt	attncttaat	aacngaaaac	660
agncttgcc	tccgatagtt	aangcgggtg	ccnctaagcn	ttaacgnttc	gcaanattnn	720
tcagatta						728

<210> 3007

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3007

gangtgetnt	ntctttttga	ggatcccatc	gattcgaatt	cggcacgagg	agcggggagg	60
cgagcatgag	cccccgagcc	ggccctgtgg	cctcctggat	gaggatggga	gtgagcccct	120
ccctggggcc	agaggggagg	tccctggagg	cagcgtcac	tatggggggc	cctcccctga	180
gaagaaggca	aaaagtccct	ctggggggcag	ctcccttgcc	aagggccggg	ctagcaagaa	240
acagcagctc	ctagccacag	cggcccacaa	ggattctcag	agcatcgccc	gcttcttctg	300

ccgaaggggtg	gaaagcccgag	ctctgctggc	atcagcccca	gaggcagaag	gtgcctgccc	360
ctcctgtgag	ggggttcagg	gacccccgat	ggccccagag	aagtacacag	gggaggaaga	420
tggagccggg	ggacattcgc	ctgccccctc	ccagactgag	gagtgcctca	gggagaggcc	480
aagcacctgc	ccgcccagag	accagggcac	ccctgaagtc	acccaccctt	gcaaaggaca	540
catggaangg	caagcnggct	cgatcccagc	aggagaaccc	agagagccag	cctnaagaag	600
aggcacgccc	cttaaccaa	cccttcgtcg	tancttgagg	tcaaaggcaa	cgtnttcggn	660
canccgaaac	anggcacctt	gnattccaac	ggnttnaaga	accnttnca	cttttcggt	720
tcttggcgtn	ttccttgaag	gaaggttcaa	an			752

<210> 3008

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (720)

<223> n = A,T,C or G

<400> 3008

gnntcttcga	tcagctcttg	ttctttttgc	aggatcccat	cgattcgtgt	attcagaaga	60
aagcaaggat	agaatgagta	taactcttta	aaatttggag	gcaaaattgg	ctgtgagttg	120
ccatggagat	aggagcaatg	gatgtccaag	gtctgaggaa	atagaaactg	ttcgaaataa	180
ttgcagagaa	agcttgccaa	cggtgataag	taggtttgtc	tagcagcact	gatgcgtcgt	240
ggaagtgtgat	ggatcatgaac	atacagtgtg	ataacctatc	tgccctcttg	accttttcta	300
gtagtgttat	gtcatttttg	tactaaggta	ggtgaatttt	ccaagtgttc	ttggaaataa	360
ggaaacatca	agaataatgt	aaaagcctca	tatacaataa	tgaataataa	agaataatgt	420
gaaggcttca	ttcaaggttg	gggtttgcca	gatacattgc	aacaaaatga	cagagcagcc	480
aaggatattta	ggatagtggc	caaagtattg	taatgatggc	ttatggagtg	tcagctggat	540
aaagagtga	aatgaataaa	aactaatgga	ttgttcagtc	gaatagcaga	tggtacaatg	600
gtacatggcc	agtagaatag	gggcccata	aattgaagac	catcagagtg	gagtgataat	660
ccacaagtgg	atgcagggat	cnagccaagt	cgatgacatg	catgttgcta	tgtggacaga	720

<210> 3009

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3009

gnnnnttnna	tcagctcttg	ttctttttgc	aggatccctc	gattcgaatt	cggcacgagg	60
aaggaagaaa	atttgggact	ttgttttaaa	agtggaatac	tatcttctta	aacaacttgt	120
gtttaaaaca	agccccaatc	cacacttgat	cttcttaagc	taggaaaagt	gagctcacac	180
tgagtgtctg	caggatgctc	catgtgcatc	attattttgt	ttaattctca	caataactct	240
ctaaatccct	tttgaggata	aggagactgg	ggctgggaga	agttatttca	aggagtaa	300
aaaaaattca	gaccacttg	ggttttatgc	caaaggctct	gtttttacaa	atacacaata	360
ttgttgccca	gttgtgatga	aacataat	atgaatttca	ctgaggggaat	ttcgaaaag	420
gaaagaattt	acttttccct	ctaaagcaga	ggcttttcat	atgcaactgt	taaaagacac	480
acgagcttgt	gggtctgatg	ggtggtctga	gctgttgctg	ttgggagagc	tgctgggaca	540
ctagcaggaa	gacgtagttt	gtgctcantg	gccaaaggatg	gcgccccctg	aaggcaacca	600
gatccggact	acgcagtgtt	ttccaggctg	gaggtgccct	notcaactgt	cttacaagt	660
tcccaaagca	gccacccaaa	tctggctgct	ccttatgccc	aaatggattt	ggcaggaaaa	720

aaggccaatt gggcaancag angcccaa

748

<210> 3010
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (780)
 <223> n = A,T,C or G

<400> 3010
 gntttctaattg ctnggctctc gttctttntg caggatccca tcgattcgcct taggggaagg 60
 aaatgaagggt cagctttggg tatactagt taagggtgcc atgagacatt cagataaaaa 120
 ccagccacca ggcataatgga gataacagg ctgaacttag gagaaaagcc tgggttgaaa 180
 cagagattcg gatatacctca gtatgaagg gatagttgaa actggggact ggatgaccga 240
 aagagatcac ccagaacacc agtacagaga ggagagagct gaggatggaa ttttgggaca 300
 taggtgcttc tacagcacat ggcaccaacc tctaataatc acaccacttg ctattacatt 360
 tgattttttga aagagtagcc tgcgcagtaa tgggaggaaa ctagattgta tatgttgatg 420
 agcaactaga aacaaagaag tgcagggccc tagttgtaga ctaatgtttt gaaacatttg 480
 gctgtgggct gggcatggtg gctcatgcct atagtccag cacttgggga ggccaaagta 540
 gaggatcact tgaggccaan agttcaagac ccctgggcaa catagcaaag cccctgtgtc 600
 tatttaataa aattaaatta aaatanaaat cagnaaaacc cacaaggctc attattcctt 660
 ttccaaaaaa aaggaaaaaa aaaagttggc ttgttgaaaa agnaaagggg aaaccnaatn 720
 gggccaatng gcttttgaag aatctttngn aaatggnttg naaanacttt ttgttngggg 780

<210> 3011
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3011
 gnttcaanag acagctactt gttctttntg caggatccca tcgattcgaa ttcggcacga 60
 gattgtcttg tgttatggtg cttcagcatt ggattcagca gccagcttcc tagtacgaag 120
 gcaacgatta cctccacagg gtcccttcca ttgtcctcct gcatactttt cctccaactt 180
 gaataaatgt tctaccacc tttctcctt attttctcta cccctgtac cccgtccct 240
 ctcacaatta actctacagc agaatgtgaa ttctctgatt ttagaataac tattttatgg 300
 taacttcaaa tatatcctag ttgtatccac attcagcttg ggtaggtagc ttcatagtag 360
 ctcatggatt aattgtccac tgcacccaat catagtcatt tttgggttgg gttgtcatat 420
 gctccccaat agatgaagaa gagaataact cttagccgac ttcatacagca ggtagggaga 480
 gagtctctga tggagttata tttcattatt cctcacaatt gcatagtgcc ctcttacctc 540
 aaaaaaaacc tttccagggtg ttttcaaagg aattatttta ttccctncaca acaagcctgt 600
 gggantcgga gcaaaaggca aaagtgatta cctgagacat tagataactc gcaatatcac 660
 cctgggtaac aactgagggg cccttgggct ttgancttct gntttccgaa tnanggcttt 720
 ttccctgncat cntggcataa tncaanccat ggcn 754

<210> 3012
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (753)
 <223> n = A,T,C or G

<400> 3012

gnntncnaat agcnaggcta cttgttcttt ttgcaggatc ccatcgattc gaattcggca	60
cgaggagaaa gtaaagtccc ttataatgg catgtgaacc agacaattta gtagccagg	120
ttgtaaggca actcttaact gacaatatag ttagtatatt ctgggccttc atcttcaaaa	180
ttagtaggta gtattttattg agtgcataatc atgtgccagg cctgggtgctg agtgcttaca	240
atgatcattt tatatatggg aaaattgagg ctcagcaggg tcaagtgcct tgtaagaggt	300
agcactagta agtaacagtg ctcaaattca actaggctctt tcagcttttt atacaataact	360
gcctgttatc agaaagtata gtcttaaaat ctgctatcaa gcacttatca gaagcctgat	420
gagaaatatt cagatgatct aacgcagttc ccaaacctgc attgtgggcc gttttcatta	480
caattaccta aggtgcttta aaaattttct tgggccctac tcgttggtgg tccagcagctg	540
tgtaatggag caaaaaggaa tagtcaactaa acagcgaagg aaagtgggtg aattattgaa	600
agacctagca cttacctgct gggatgagtc tcttacccca cagaattgat ttcaaacaca	660
ggacttattc aagataagga taataaccac tatcttcttg ggtnggaaaa aagtacatta	720
gactgngttt ttaaaaaatt tggatatgaat ttc	753

<210> 3013
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (748)
 <223> n = A,T,C or G

<400> 3013

gnnnnnnnan ttntcaagct acttgttctt ttgtcaggat cccatcgatt cgaattcggc	60
acgagatgac ttcctagctt taccgggggt tttttctgca ggtggagaag ggtggagtcc	120
tcccagatgg ttctttcttt gctcccctaa cagcctttta gatgtggcta cttgtttttc	180
ccaccgttta acaccctcca acttcatttg gagcacgggt tcctcaaggg atcctgagag	240
ctgggtgctg ggtgctgggt tggagaggca ggatgatgct tctcccggct ggggagagca	300
gagcaggaag gctggttggc gccatgagga aagagccacg aggttttagc tcccgaaccg	360
actcgtcagt agccccctct ccatgttggt ttacatttt tccctcctgg tctggactac	420
tttagcgcaa ggagcccagc cagacacggc agcaggccgc attgaccctg ctccatcgga	480
ccccagcccc tatctccaag agacagagga ggggtcanga ggcactgctc atctgtacat	540
actgnttctt atgacattac tggatttaag aaaacacat ggagatgaaa tgcctttgat	600
tttttttttc tttttgtact ttggaaccac aaaatgaanc agaacttgac cctgagctta	660
aataacaaaa ctgngccaac tactactggg gatgccta atgaatccac gtgtaaccag	720
ttntaatcct ttatttttaa aaaaaaaa	748

<210> 3014
 <211> 835
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (835)
 <223> n = A,T,C or G

<400> 3014

tntntctnct	gnactntcgg	gaacttcctc	tttgtgcagg	atcccatcga	ttcgaattcg	60
gcacgagggg	agtacaaatt	aagatcacag	tgantttnc	ttatccactt	gtcacaatgg	120
ctaaaataaa	caatagtggc	aataccaagt	cctgtgaagg	atgtggagaa	atggatcact	180
tatacactgc	tggtgggcat	gtaaaatgg	acaaccagtc	tgaaaagcan	tttggcagtt	240
tnttataaaa	gnnaacatgt	aattatatgc	tgaggtctga	atgtcctcca	aaaattcata	300
tgntgacacc	caaaccctca	aggtganggt	tttaggaggg	taggcccttt	gggagattag	360
cttctgagga	tgagagccca	tgaatgggat	tcatgccctt	ataaaaaaga	anccccagga	420
aacgaccttg	cccttcacca	tgtnatcaag	aatgtgcggn	ctatttacga	naganncctt	480
gcncaaacac	tgaatctgac	ggtgccttga	nctcggggct	ttctgggcct	ctnntaacca	540
tgaggaaana	aatctcannt	gntntataac	caacctancc	naaggatanc	cnggtattaa	600
caggccccac	antgngetaa	anatggncat	attgaacccc	accagttanc	cacctctttg	660
ggccaatttt	atttnccaag	gggaaaatgg	tnaaaattgg	gggnttnatt	acccaaaaaa	720
acccttgtnn	ccnnnnnaaa	angggttcca	ntanccantn	atnnnaaaan	cccntnnggt	780
tnanccccc	aanaaacttt	tggggaaaac	aaannttnnn	aaaaanggtt	tttnt	835

<210> 3015

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 3015

gnatgtgnnn	ancagctctt	gaggatccat	cgattcgaat	tnggcacgag	gggcggcctt	60
ggcctcacgc	ttcggggaga	ctcgctgtc	ctcatcgctg	ccgtcattcc	agggagccag	120
gccgcggcgg	ctggcctgaa	ggagggcgac	tacattgtgt	cagtgaatgg	gcagccatgc	180
aggtggtgga	gacacgcgga	ggtggtgacg	gagctgaagg	ctgcnggaga	ggcgggcgcc	240
agcctgcagg	tggtgtcgct	gctgcccagc	tctagactgc	ccagcttggg	ggaccgcggg	300
cccgctctgc	tgggccccag	ggggcttcta	aggagccaga	gggagcatgg	ttgcaagacc	360
ccggcatcca	cgtggggccag	tccccggccc	ctcctnaact	ggagccgaaa	ggcccancag	420
ggcaagactg	gaggctgccc	ccagccctgt	gccccagtga	agccagctcc	gcctcatcct	480
tgaagcaccc	aggggtggccg	tgagggccag	gatccctgca	cgcctcacc	tggtccaac	540
tgscancaag	caccgagcat	gcccttccca	cccaaaggac	cttcnggcaa	tgcttgtnc	600
cgccttatgc	ttggaagctt	gcctnnggca	ccttgccctg	nccatttaaa	gactgggtcan	660
aacctgaaaa	aaaaaaaaan	aaaaacttcg	agaaaaggcc	cnaacattgg	agaatcaaga	720
attntatctt	ggnacttgca	tttgancctc	tttcttaaaa	ttnn		764

<210> 3016

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (772)

<223> n = A,T,C or G

<400> 3016

gttattcttt	cnaaaangnt	gggntactcg	ttctttctnc	aggtagccnn	tcgattcggt	60
tgtaggcaat	ggaaagccac	cagtggtttt	agttgagcag	caatgaaatt	aagcctgtgc	120
tttgcaaaaga	ttaatctanc	agcnacagat	tggaagcaac	accaccattc	ctggtatcag	180
tccacgtana	atatattaca	gntctntact	ggagcaannn	cagtaattatt	anaaggagaa	240
ataaaaanna	anaatattgc	acaggcagaa	tggggaggtc	ccacngatgg	agctgatctt	300

```

ggcnattgan gcatgggtgg cattnatcat gtnaaacaca ggatgaggaa ctgggttngg      360
agtnatggan nagttcantt tacgtaattg caaatacacn ctattccctg actagctncn      420
annacttnat cttncctatc ttcttaganc ttcattatga agaggtgatg atagctctta      480
ngntgagagc tcttacttac cattgactaa tacatgttct cntgatgnaa ntttgntatt      540
ncaacatcca tgctaaangg gggtattnaa acangnnaac tctngggccn gatgaaggnn      600
nancctncat taactnntca tgntgnnact nnatcnaagg ggccaanttg tnnccctaaa      660
tttttgtaaa aatttngcca atgccnaaaa catatnaatn ttcncttgca natgaaaaan      720
tcnogaancc cnatttnntn aaacagaang gttnttgggn ggaccttttt an              772

```

<210> 3017

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 3017

```

gaagngetct gttctttttg caggatccct cgattcgaat tcggcacgag gcgccatggt      60
aggacgaagg ggaaggagga gaagcgctta aagcggcggg agcgggtgcgg gagaggggtt      120
ggacccaggg ctgaggcagg cccccccctc cctcccgctt cagtggatca tgcccagggc      180
ggcagcggcg gcggttgagg gggggaagtg actgggcggg gccggcgccg gagacgatgc      240
cgtttccagt tacaacacag ggatcacaaac aaacacaacc gncacagaag cactatggca      300
ttactttctc tatcagctta gcagcccca aggagactga ctgcgtactt acacagaaac      360
taattgagac attgaaaccc tttgggggtt ttgaagagga agaggaaactg cagcgagga      420
ttttaatttt gggaaaacta aataacctgg taaaagagtg gatacgagaa atcagtgaac      480
gcaagaatct tccacaatct gtaattgaaa atgttgaggg aaaaattttt acatttggat      540
cttacagatt aggagtgcac acaaaagggt ctgatattga tgccctgtgt gttgcaccaa      600
gacatgttga tcgaaatgac cttttcacct cattctatga taaagttgaa atttcnggga      660
agaagttaaa ggatttaaga gcttggtgna agangcattt cgtaccnagt tatttaaac      720
tctggtttga tggggattag aagattggat attttgtt                                757

```

<210> 3018

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 3018

```

nctatnactg antncnttc nngctgcagg atccctcgat tcgaattcng caccagggga      60
cactggattc tcattctact caaactccca ctaggactgt tggttggttc gcttctcaag      120
tgtttgattt tttctgagtt aatatttttg ggtgtaattt acatgtagga aaatgtacac      180
attttttagt tacagttcac caagcttttg caagcatgta tagcctggta acccacaagc      240
caatggagac ctagaacatt cccgtgacct cagatgctgg gttctgtgtg ccttcccagg      300
gcttggtggc gggcacatca ggcattggcg gtaccatgcc tgacagctct gaaccagttg      360
ggcgacctgg gtctgggagg tgctgagggg ccagcacccc tgcaggcggt tccctttgtc      420
tcatgtagca gtgcagatgt ttggaaagtc acacgtaaat cttgaaaaac tggaaacagg      480
ccangcgtgg tggtcatgt ctgtaatccc agcacttttg gaggccaagg tangaggact      540
gcttgaggcc aggagtttga gaccagcctt tggcagcata gaaagacctt gnctctacag      600
aaaattttta aactagccag gtgtgggggg gttgcatgcc tgtagtccca gcaacttgg      660

```


aggctnaagt tggaaggatt gcttgagcct aggaatccaa ggctncaatg agcccatgat 720
 caccaattga ctgc 734

<210> 3019
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3019
 gtctatctca ctnnagccct ntgttagcnc tggttctntt tgnatnnaat tcggcacgag 60
 gcaagatccc tccacctgtc attatggtgc aaaatgtgag cttcaagtat acaaaagatg 120
 ggccttgcat ctacaataat ctagaatttg gaattgacct tgacacacga gtggctctgg 180
 tagggcccaa tggagcaggg aagtcaactc ttctgaagct gctaactgga gagctactac 240
 ccacagatgg catgatccga aaacactctc atgtcaagat agggcggttac catcagcatt 300
 tacaagagca gctggactta gatctctcac ctttggagta catgatgaag tgctaccag 360
 agatcaagga gaaggaagaa atgaggaaga tcattgggagc atacgggtctc actgggagggc 420
 cactgtagga ggatcaattg agcctagaag ttcaagacca gcctgggcaa agtagggaga 480
 ccccttctct acaaatagta ataaaaatgaa ccggggcata gtagcatgtg cctgcgggtcc 540
 ccagctgtct tgataagaag angtcactt tgaccccagg aagggtgang ctgcagttag 600
 ccataaccgt gcccggttac cacttccaag cccttgattg accaggaacc gaanaccact 660
 tggntctcna aaaaaaaatt naaaaaaaan ttcannaatt ggcttggaaa aaaaanaaat 720
 nnntnnnnnn anaaaaaact ttggggccct tttttnaaac ctnttgggg gaggtccgat 780
 tttaccntaa nantc 795

<210> 3020
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3020
 aanccctttg aaaatcccct ttttgcagga tcccatcgat tcgaattcgg cagagggan 60
 ntnaggccan ganacaaagc agcntttgcc agnangagac actcattggg aggnctaagt 120
 tcncctgtg ctgatacaag catgaactnt ntggaaatnt ctgctantct gaaattacan 180
 cnantngnct ggggttnngn ngacgcntgg caatgggtgt nttnacacac nganttacnc 240
 tgaaccncaa cntggacngc acatnacaca catcanactt tcacngngca tctcgaactc 300
 ngggttcacc cgatncngaa accntatgct accaagaagt gcgtgncctc taggcacacc 360
 tcaactattgc cgggcaaatt nntgtgantt cggagctttt gcagaancnn gannnetgca 420
 tgaacncaa gctggactca tannaccnga nntcatctga tccgctgcn ngagctccca 480
 aagggtgng atnatatggg naagccacnc tgcttatcca aggtcaatnt gaaantnnga 540
 ccaacncng ntngatngcc cnnaaggct naacgggnac atgccnntaa tgccaaaaac 600
 ggtaaanctc tctcancccg ggaaccgga actggnaaac ttgngccgct ttacccaata 660
 atgnntccga ataacgttnn ancccaaaaa nngggcccca gccntagggg gaancntgga 720
 caagcccaca anttggnaat ggcctnnna aaaaaaatgn tttn 764

<210> 3021
 <211> 810

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 3021

ngtctntnac	ttcgtggctc	ctttngaaaa	tcccccttttg	cnggatccca	tcgattcgaa	60
ttacaggctt	gagccactgc	accaggccct	aagagctctt	tnctttctta	tcacacagtg	120
aattaaaata	ttttggatct	taactatccc	atattaagcg	atcctttcct	caaatagaaag	180
aaaatactta	attagaacat	atatgtttta	actgatacag	taagttgttt	gtaagcctct	240
agaactatag	tgagtcgtat	tacgtagatc	cagacatgat	aagatacatt	gatgagtttg	300
gacaaaccac	aactagaatg	cagtgaaaaa	aatgctttat	ttgtgaaatt	tgtgatgcta	360
ttgctttatt	tgtaaccatt	ataagctgca	ataaacaagt	taacaacaac	aattgcattc	420
atthttatgtt	tcagggttcag	ggggaggtgt	gggaggtttt	ttaattcgcg	gccgcggcgc	480
caatgcattg	ggcccgggtac	ccagcttttg	ntccctttan	tgaggggttaa	ttgcgcgctt	540
ggcgtaataca	tggncatagc	tggttcctgn	gtgaaaatgn	tatcccggtc	acaattncac	600
acaaacatta	ccgagccggg	gagcnttaaa	agtggtaaaa	gccctggggg	tggccttaaa	660
ggaggtggag	cttaacctca	ccaattaaat	tggcggttgg	ngccttcaaa	ttggccccgc	720
ttttccaant	ccggggnaaa	accctgnncn	tggccaaant	tgggaatttaa	aggnaaatng	780
ggcccaaang	cccccgggg	gaanaaggct				810

<210> 3022
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3022

gntnnttcta	atgcttgggt	acttgttgtt	ctttctgcag	gatcccatcg	attcgctgaa	60
atgtcaaaca	cggccacctt	ggcagcattt	acaagcaaga	gttcaactgt	tttttgatgt	120
atatnttaag	cgccccag	gaatgaacag	catataactc	cacataaaaa	tcattaaatg	180
taattgactt	ccanagcang	cagttctgnt	gtatgcctct	ggagaaggct	ggctgaattg	240
naattgggtc	gtaccttctg	tctatcatgt	acatgaggtt	tttgggcaaa	gagaactttc	300
cacaaaataa	gtccaaaaat	tatacgatca	tcagacaacc	aatancatat	tgatganata	360
tctccaagat	ctanaatnnt	nctgngtgct	aaggaaantc	ttgnggtttt	tacaaatatt	420
gataatgcac	ttntataaaa	atgcactttt	tataaaaaatg	catgctcagt	tnagacaact	480
tggnaacacc	ctgaaaagg	ncnngcgtn	tngtnacgc	ctgnaatccn	agcncctctg	540
gaggccgaga	cgggtggatc	acnatgtcag	gaaaatngna	ccatnctgg	taacatggng	600
aaaacnccgt	ctctncttaa	aatncggana	attngcagga	tntgggtgccg	gccncctatn	660
gtncatttta	ctcannaagg	cttgagtnag	gaaaatgggtg	tgaanccctt	gaaanangan	720
nttttcaatn	accggggatn	ccnaccnttg	aatttnatct	gggga		765

<210> 3023
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3023

```

gnttntncat antgaaagcn cttgttcttt ttgcaggatc ccatcgattc gaattcggca      60
cgagcagatg gtttttaacg cctaccaggc tggggtagga gcactcaaac tctccatgaa      120
ggatgtcaca gtggagaagg cagagagcct cgtggatcag atccaagagc tctgtgacac      180
ccaggatgaa gtttctcaga ctctggctgg tggggtaaca aatggcttag attttgacag      240
tgaagaactg gagaaggaat tggacatcct ccttcaggat accaccaag aacctttgga      300
tctgcctgac aacccccgca ataggcattt taccaacagc gtgcctaacc ctaggatctc      360
agatgctgaa cttgaagctg aacttgagaa actgtcctta tcagagggag gtttggtccc      420
aagcagtaaa tctccaaaaa ggcaattgga accgactcta aagccattgt aggaccctca      480
agtgaaggac cctcatgtaa aagagagacc aggcctgctg ggtgtgtaca tagntattta      540
aacaagaaac tctcagaatg tgtttggaag angagaaagg agaaccactg attttatctg      600
gatgctacta cttactacag gacagatnga atttcttgga accgatgctt caaangcttg      660
gttccactg natcatggac ctgccttnn atctttatag gggcnccaa tttatacagt      720
cctgtggctg acctgncatt tcatancctg cagttct                                     757

```

<210> 3024

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3024

```

ntaatccaan aaccttggtg aagcctttgn annnccnadc ggcaggaccc atcgattcga      60
attcggcacg aggaccagc tagaccagct caagagttca tgttctttgt catcctcctg      120
tgagctctct gtaagtctct ttcttgccca tcaccacatc cctagtactg ggtatcagtc      180
tggccacttg gctttctggt ttgccccaat gtggtctatt cttgatgcag ctaccaaagt      240
aatgttttaa aaccattata ccaagttact atccttgta aaacccccag taactgcaa      300
tctcacttag aataaaatcc ggactcctgt gaagcacagc ataaactggc cactgcctat      360
gcagcaacct catctttacc gtttcctgcc ttgctcactc ccttccagcg ccgttattct      420
tctgatgcc cctagtacac aacaactnct tcctgtccca agagtaggaa aattactgnt      480
ctctctgcc gtgagattcc tcttctggta ttacctttgc ttcattgctg aatcttctcc      540
aatatcatct tctaaaaaga gcctttttaa atcacctttt ctattatgcc ctactcaatt      600
tccagtcctt gaatgcccat tccccacttc atagcactta ttgctatctg aaattcacta      660
aatgncacct tcatganggt aggcaattta atgncttggc actggtatgt ctanagacaa      720
gcactggcta tagtaggcac tcaacaaata tt                                     752

```

<210> 3025

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3025

```

nctctactca gattgcttgg cgntctntnt gcaggatccc atcgattcga attcggcacg      60
agccccactc ggggtatgtg aatgccacgc tggagaagga agtgcccatc ttcacaaagc      120

```

```

agcgcattga cttcaccctt tccgagcgca ttaccagtct tgtcgtctcc agcaatcagc 180
tgtgcatgag cctgggcaag gatacactgc tccgcattga cttgggcaag gcaaagtgagc 240
ccaaccacgt ggagctggga cgtaaggatg acgcaaaagt tcacaagatg ttccttgacc 300
atactggctc tcacctgctg attgccctga gcagcacgga ggtcctctac gtgaaccac 360
ttgagaagge tgccctctag gctctgctca gtcactctgc aattgccaca ctgtgaccac 420
gttgacggga gtagagtagc gctgttgccc aggaggtgtc aggtgtgagt gtattctgcc 480
agcttttcat gctgttcttc agagctgcag ttatgccaga ccatcagcct gcctccagc 540
agaggccctt cacctggaga aagtcagaaa tctgacccaa ttcacccctt gcctctagca 600
cctcttctgt cctgtcattc ccacacacgt tctgttcac ctcgagagag agagagagag 660
agcaccttct tttcgtctgn tcacttttgc gggctntgga atnccagctc ttctctntca 720
gaagaagcct tctcttctc tgcctttagt gtgtncctaa agt 763

```

<210> 3026

<211> 933

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(933)

<223> n = A,T,C or G

<400> 3026

```

ntatcattat acgtctctaa aancnttggc tactngttct ttntgcagga tcccatcgat 60
tcgaattcgg cagcaggctg ccaccacccc cgggcccgag ctgtctgaaa gttcagggtt 120
taggccgaaa aaccgggtgg ggaggggtgg ggagccggag ctctgtggcg gggctggagg 180
gctggggtgc acttttagttt ggggcggggac gggagccgcc gttgtgactg gcgtgggtctg 240
gctgctgctc ccgaacggag gggtcagnnt tggcttgcct ggccctcaga gccagtgagg 300
tggtcttgac tcggctccct actccctgca cccagctggg cgcaccttgg ggctgcggt 360
ctgaatgtat cctccctctn agttttaacc tgagctgccg aacgcacagt gggcncgggg 420
gcnaagctgt gnggaaaccg gggcccaatt acggatcccn ggaagttaca ggtgccnacg 480
tgatgtcnet ttntcttggg gcccaactta cttacttgg tcttgaanac ttagcttctt 540
nggggggtag gcccgngggc ccnccaaaa aanncntggn nnccccgnt ttccaacccn 600
ttggccccgg tggccttgnt ttganttatt gangccccct gntttggncc aaataaanc 660
ccccctgggt tntggggggg aaaggnaatt tttngggccc caaccnccn tttggaaaaa 720
aancccccgg gaangggnaa aaaaccgggg nccnntttnt tgcccccttg ggggtttttt 780
nccngggaaa aaaaaccccc nnttttaatt ggggnttttt ggggtccccg ttccaanaa 840
aacaccctt gggtttnaaa agggggggga attgngccn ttnaaacccg ggcccaaaanc 900
cnntaagnaa tttccnaac ccgctttnaa nnn 933

```

<210> 3027

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3027

```

nttnagcanta nnagccgttg tantgaagcc cntttgctac ttgctctttt tgcaggatcc 60
catcgattcg aattcggcac gaggaccagc gtagaccagc tcaagagttc atgttctttg 120
tcactctcct gtgagctctc tgtaagtctc tntcttggcc atcaccacat ccctagtact 180
gggtatcagt ctggccactt ggctttctgg tttgccccaa tgtggtctat tcttgatgca 240
gctaccaaag taatgttnta aaaccattat accaagttac tatccttgtc aaaaccccc 300

```

```

gtaactgcc aatctcactta gaataaaaatc cggactcctg tgaagcacag nataaactgg 360
cactgcctat gcagcaacct catctttacc gtttctgcct tgctcactcc cttcagcgcc 420
ggatattctt ctgatgcccc tagtacacaa caactccttc ctgctccaag agtaggaaaa 480
tnactgtctc tctgccagtg agattcctct tctgggtatta cctntgcttc attgctgaat 540
cttctgcaat atcatcttct aaaaagagcc tttnaaaatc accttttcta ttatgcccta 600
ctcantttcc agtccctgaa tggccattcc ccactttcat agccacttaa ttgctatctg 660
aaattacact taaaatgggc accttcattga tgggaaggca attaatggc tttgtcactg 720
gtatgtctag agaacaagca gnttggctca tagtaggcac tcaacaaaaa ttt 773

```

<210> 3028

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 3028

```

nttnagcnta nnagccgttg tantgaagcc cntttgctac ttgctctttt tgcaggatcc 60
catcgattcg aattcggcac gaggaccag gtagaccagc tcaagagttc atgttctttg 120
tcacctctct gtgagctctc tgtaagtctc tntcttgccc atcaccacat ccctagtact 180
gggtatcagt ctggccactt ggctttctgg tttgccccaa tgtgggtctat tcttgatgca 240
gctaccaaag taatgttnta aaaccattat accaagttac tatccttgctc aaaacccccca 300
gtaactgcc aatctcactta gaataaaaatc cggactcctg tgaagcacag nataaactgg 360
cactgcctat gcagcaacct catctttacc gtttctgcct tgctcactcc cttcagcgcc 420
ggatattctt ctgatgcccc tagtacacaa caactccttc ctgctccaag agtaggaaaa 480
tnactgtctc tctgccagtg agattcctct tctgggtatta cctntgcttc attgctgaat 540
cttctgcaat atcatcttct aaaaagagcc tttnaaaatc accttttcta ttatgcccta 600
ctcantttcc agtccctgaa tggccattcc ccactttcat agccacttaa ttgctatctg 660
aaattacact taaaatgggc accttcattga tgggaaggca attaatggc tttgtcactg 720
gtatgtctag agaacaagca gnttggctca tagtaggcac tcaacaaaaa ttt 773

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<210> 3029

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 3029

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nttnagcnta nnagccgttg tantgaagcc cntttgctac ttgctctttt tgcaggatcc 60
catcgattcg aattcggcac gaggaccag gtagaccagc tcaagagttc atgttctttg 120
tcacctctct gtgagctctc tgtaagtctc tntcttgccc atcaccacat ccctagtact 180
gggtatcagt ctggccactt ggctttctgg tttgccccaa tgtgggtctat tcttgatgca 240
gctaccaaag taatgttnta aaaccattat accaagttac tatccttgctc aaaacccccca 300
gtaactgcc aatctcactta gaataaaaatc cggactcctg tgaagcacag nataaactgg 360
cactgcctat gcagcaacct catctttacc gtttctgcct tgctcactcc cttcagcgcc 420
ggatattctt ctgatgcccc tagtacacaa caactccttc ctgctccaag agtaggaaaa 480
tnactgtctc tctgccagtg agattcctct tctgggtatta cctntgcttc attgctgaat 540
cttctgcaat atcatcttct aaaaagagcc tttnaaaatc accttttcta ttatgcccta 600
ctcantttcc agtccctgaa tggccattcc ccactttcat agccacttaa ttgctatctg 660

```

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aaattacact taaaatgggtc accttcatga tgggaaggca attaattgcc tttgtcactg 720
gtatgtctag agaacaagca gnttgggtca tagtaggcac tcaacaaaaa ttt 773

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<210> 3030
<211> 751
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

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<400> 3030
ngttnnnntt gtncntntntc tctgaaanct tttgggtact tgttcttttt gcaggatccc 60
atcgattcga attcggcacg aggtagggtg aaagcctggt cagctattct gcaagacagt 120
caaaaattgt ttacaggggt ggacagcata ttgctattga aaaatagcta ttaggagacc 180
ttgcacaatt tgtgaaacat tgttaggctc attgtactgt gtaaaatcag gaaagaattt 240
gggaacatac tgatacaaca aaaagatagg ttgtcaaacc ctcaactnac cagaaagcta 300
aattaaccag ataagtcttt ctgaaagttt tagtgtctta gtttgttctt gcgctgtaac 360
agaatacctt agactgggta acctataaat aataggaatt tatttctcac agttttggag 420
gctggcaaat gcaagatcca ggtgctggta cgttcagtgt ctggcaaggg cggctttctg 480
gtccaagatg gtgccttttt ttctgcatct tccataggga atgaacactc cttatggtag 540
aagggatgga aggaccaggc tttttttttt ttttgatc atgcaggatct tgctctgtcg 600
cccagcctgg aatgcaatgg ctgattaagg tcaactgnac ctcaatctcc cacttttcag 660
cgatcatcca ccttancttc ttggatagct gggaccgcag cacanctaca tgccctgntta 720
attattttgt aaaaccgggt ttntctgtgcc n 751

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<210> 3031
<211> 752
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

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<400> 3031
ntaatccaan aaccttggtg aagcctttgn annnccnctc ggcaggaccc atcgattcga 60
attcggcacg aggaccagg tagaccagct caagagttca tgttctttgt catcctcctg 120
tgagctctct gtaagtctct ttcttgccca tcaccacatc cctagtactg ggtatcagtc 180
tggccacttg gctttctggg ttgccccaat gtggtctatt cttgatgcag ctaccaaagt 240
aatgttttaa aaccattata ccaagttact atccttgtca aaacccccag taactgccaa 300
tctcacttag aataaaaatcc ggactcctgt gaagcacagc ataaactggc cactgcctat 360
gcagcaacct catctttacc gtttcctgcc ttgtcactc ccttccagcg ccgttattct 420
tctgatgcc cctagtacac aacaactnct tctgctcca agagtaggaa aattactgnt 480
ctctctgcca gtgagattcc tcttctggta ttaccttgc ttcatgtctg aatcttctcc 540
aatatcatct tctaaaaaga gcctttttaa atcacctttt ctattatgcc ctactcaatt 600
tccagtcctt gaatgcccat tccccacttc atagcactta ttgctatctg aaattcacta 660
aatgnacact tcatganggt aggcaattta atgncttggc actggtatgt ctanagacaa 720
gcactggcta tagtaggcac tcaacaaata tt 752

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<210> 3032
<211> 768
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3032

tnngttnnnn	ttgttatncn	ctnngaaacc	nttggtact	ngntctttct	gcaggatccc	60
atcgattcga	attcggcacg	agacctgagc	taggggtgca	gcagaaaatt	gagttgcagc	120
ttgcccttgt	ccagacctat	tttctgcttg	cgtttttgaa	acaggagggtg	cacgtaccac	180
ccaattatct	atggcagcat	gcatgtatag	gccgaactat	tatcagctct	gatgtttcag	240
agagaagacc	tcagaaaaccg	aaagaaaacc	accacctcc	tattgtgtct	gaagtttcac	300
gtgtgtttat	gaaatctaata	gggaaatgga	tcacacgatt	tctttaaggg	aattaaaaaa	360
aataaaagaa	ttacggcttt	tacagcaaca	atacgattat	cttataggaa	aaaaaaaaatc	420
attgtaaagt	atcaagacaa	tacgagtaaa	tgaaaaggct	gttaaagtag	atgacatcat	480
gtgttagect	gttcctaata	ccctagaatt	gtaatgtgtg	ggatataaat	tagtttttat	540
tattctctta	aaaatcaaag	atgatctcta	tcactttgcc	acctgtttga	tgtgcantgg	600
aaactggtta	agccagttgt	tcatcttcgt	ttccaaatnt	aaaggatagc	tgggttaggat	660
attttggta	tatttgtaaa	tttttgaaat	gcttagtaat	gtgttttcac	cacaagtatt	720
tgttgcaaac	ttaatgncat	ttccttaana	agggtacagc	tatgtaat		768

<210> 3033

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3033

cacngaateg	atntnacctt	tgttcangcc	ttttngaagg	accccatcga	tacgagccca	60
tgcgattcga	atnccgcacg	aggacnnagg	nagaccanct	caaggagttc	ntgttctgtg	120
tcatectect	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggcttntctg	attgccccaa	tgtgggtctat	ncttgatgca	240
gctgccaaag	taatgttnta	aaaccattat	accaagtnnc	tatnctngtc	anaacccccca	300
gtaactgcc	atctcacttn	naatnaaatc	cgnactcng	tgaagcacag	cataaactgg	360
ccactggcta	tgcagcaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gcnttgatt	cttctgatg	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgcctntnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcaccatt	gaaagaatag	720
gggnatggca	aantttattg	gcctttngtc	naactgtntc	gnncttan	gaaccaagnc	780
aacttnggct	tnanaagtaa	ggcncntca	acccaaatnt	tct		823

<210> 3034

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3034

cacngaatcg	atntnacctt	tgttcangcc	ttttngaagg	accccatcga	tacgagccca	60
tgcgattcga	atncggcacg	aggacnnagg	nagaccanct	caaggagttc	ntggtctgtg	120
tcatectect	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggcttntctg	attgccccaa	tgtggtctat	ncttgatgca	240
gctgccaaag	taatgttnta	aaaccattat	accaagtunc	tatnctngtc	anaacccccca	300
gtaactgcca	atctcacttn	naatnaaatc	cgnactccng	tgaagcacag	cataaactgg	360
ccactggcta	tgcagcaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gcctnttgatt	cttcctgatg	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgccttnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcacccatt	gaaagaatag	720
ggnnatggca	aantttattg	gcctttngtc	naactgtntc	gnncttan	gaaccaagnc	780
aacttnggct	tnanaagtaa	ggcncctca	accaaaatnt	tct		823

<210> 3035

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3035

cacngaatcg	atntnacctt	tgttcangcc	ttttngaagg	accccatcga	tacgagccca	60
tgcgattcga	atncggcacg	aggacnnagg	nagaccanct	caaggagttc	ntggtctgtg	120
tcatectect	gtgagctctc	tgtaagtctn	tntcttgccc	atcaccacat	ccctagtact	180
gggtatcagt	ctggccactt	ggcttntctg	attgccccaa	tgtggtctat	ncttgatgca	240
gctgccaaag	taatgttnta	aaaccattat	accaagtunc	tatnctngtc	anaacccccca	300
gtaactgcca	atctcacttn	naatnaaatc	cgnactccng	tgaagcacag	cataaactgg	360
ccactggcta	tgcagcaacc	tnatntntac	cgtttactgc	ctngctcact	ccctttcann	420
gcctnttgatt	cttcctgatg	ccnctagtca	caacaactnc	tttgctgctn	caagagtang	480
aaaatnactg	atcnctntga	catgagatcg	catntttatg	gtattacctt	tgcgtcattg	540
ctgaatcttc	nccaatatca	tnttctanaa	tagagccttt	taaaataccc	ntacnntatt	600
atgccttnc	tcaattttca	antccctgaa	ntgccccatn	tcnccacttt	tcagtagnca	660
ctttaattgc	ttatcctgga	aaatttanca	cctanaattg	gtcacccatt	gaaagaatag	720
ggnnatggca	aantttattg	gcctttngtc	naactgtntc	gnncttan	gaaccaagnc	780
aacttnggct	tnanaagtaa	ggcncctca	accaaaatnt	tct		823

<210> 3036

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3036

ncgttgnnnn	ttctntgatt	ccttgntga	ngctctttct	gcaggatccc	atcgattcga	60
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attcggcacg agggcagcta gagtcaggaa aatgaccctc atatgctttt aatcttttgtt 120
tcagttgtct gtcaggggtg aattaagaag ctactggttt attcccaatt gttgatgcct 180
ttaggtatgt tggaatcttt ttttttgctt aggagggggc agttgaaaat ctgtgactca 240
agaggcagtg aacagaatac tgttttctgg ggaaaaattg gttggctact tgatgttaat 300
tatggcacag taacaggaaa aggttgtgtc tgtgttttta agtttttctt tattctgctt 360
ttttgctgct ataagagttt tctgaaattt atattttaaa cttttcatgc actttactgt 420
ttctagtctc aaaatgtgat atttttaata aacaagaaat tttccattat gtgaatgaaa 480
ttttaaaaga caatagccta tatttgtgtc tcactaatat ataaagtata ggtcaaattt 540
aaattattta attagtttta aatatcacia tttgtctcct ctttcaaacc tgacatcttc 600
gggctgtttt attagtctaa atgatgcatt taactttgtc attttatgct aattctttca 660
tagtaaataa tcaggctata taaggtaata tttccccana nggtaatttt aatgggacna 720
ngggttggtg gatgatgtca tatcatacat ggggattgcc 760

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<210> 3037

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3037

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ggcacgaggt gatctgcctg ccttggtctc ccaaagtgtc gggaatacag gcatgagcca 120
ccgcactcgg ccaggagcta gttttatcag catcctgtct cactgccttc ctctagtga 180
gcctggaaga catggcagcg ggtagctcct ggggctgagc cagaagcatc actgcagtga 240
aagtctctgc ttacctgtct ggctcagctt gggcaagggc tgggccatat gtgctcaggg 300
acgtgcttct cttgtaaggc aggaggatag aagaggacca agaaggaggg gagctgcctt 360
gtggtgcaca caggcctgcc atggggcgtg ggagcccatc ccgctgcctg accggagctg 420
gctgctgtgg tggactcagg aaccactttt aatactgcaa ctgctccctt ttgccagtc 480
agggaaagct gactgtaagt cccacctncc cctnctgcca cccttctagt ggtttctctg 540
agaggtttct ctgcttcagc tgtgcttgaa gtggcatgcc tnetctgctg canggctccc 600
ccaacccccca cacggnctta aagatgttaa tttccttata gactggatta aagtcagcca 660
ttctttttcc tcaaaaaaaaa aaaaaaaaaa cttgagcctn tanaactata tgagtcgtat 720
tacgtagatc cagacntgat aagatncatt gtgagtttgg acnt 764

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<210> 3038

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3038

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gatcccatcg attcgaattc ggcacgagat tggggactga catcttaagc tctcacctgg 120
ctgcagtang aaaggccaaa ctgacgacaa aaaaaaaatt ctttataaag atgatatgg 180
aacatgtatc tttgccctgg gtctgggtgg gtccagtcag tctcagattt acaagcattt 240
aggagcctag gtaaaagctg ctagtattct tttaaaagt atatttatga cttgcaatga 300
tagaaaactc cttccaatta aatggcattt tataatatta tgtgtgtact tcacagtgtt 360
aaaaatacc tcatacgta ttgcatttga tcttcacaga aagtgcattt taaccagtac 420

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tctgggtgca	ataaataata	tgtagaaatt	taagtcctcc	aattccagca	tatccagtga	480
gttttgacag	tgtgtttatg	tggaatgttt	aaggatatac	aattgtactt	tatataaatt	540
ggttcttggt	cttcttaa	gtgacatgaa	ataattgngc	tgctacatta	tactggaaat	600
taacagggga	aaagggaaga	gcttcttggc	tcccttgagg	tctgctantg	gggtgttaggg	660
agtggttaca	actgaacttt	tantaacccat	ttaaccgtat	gtaaacttgg	tttctaatta	720
aaaaaaattc	ctttttccaa	aaaaaaaana	nntnaccccn	ntttttantc	nnnnnnanct	780
nanannt						787

<210> 3039

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3039

ntaatccaan	aaccttggtg	aagcctttgn	annnccnate	ggcaggaccc	atcgattcga	60
attcggcacg	aggacccagg	tagaccagct	caagagttca	tgttctttgt	catcctcctg	120
tgagctctct	gtaagtctct	ttcttgccca	tcaccacate	cctagtactg	ggatatcagtc	180
tggccacttg	gctttctggt	ttgccccaat	gtggtctatt	cttgatgcag	ctaccaaagt	240
aatgttttaa	aaccattata	ccaagttact	atccttgtea	aaacccccag	taactgccaa	300
tctcacttag	aataaaaatcc	ggactcctgt	gaagcacagc	ataaactggc	cactgcctat	360
gcagcaacct	catcttaacc	gtttcctgcc	ttgctcactc	ccttccagcg	ccgttattct	420
tcctgatgcc	cctagtacac	aacaactnct	tcctgtccca	agagtaggaa	aattactgnt	480
ctctctgcca	gtgagattcc	tcttctggta	ttacctttgc	ttcattgctg	aatcttctcc	540
aatatcatct	tctaaaaaga	gcctttttaa	atcacctttt	ctattatgcc	ctactcaatt	600
tccagtcctt	gaatgcccac	tccccacttc	atagcactta	ttgctatctg	aaattcacta	660
aatgncacct	tcatganggt	aggcaattta	atgncttggc	actgggatgt	ctanagacaa	720
gcactgggcta	tagtaggcac	tcaacaaata	tt			752

<210> 3040

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 3040

tnnnaatcnc	nnnaagcett	tgttnaaccc	ctttgctact	ngcncttttt	gcaggatccc	60
atcgcttcna	attcggcacg	aggttatncc	agtatctgnc	ancagaatgg	cattgtgccc	120
atcgtaggagc	ctgagatcct	ccctgatggg	gaccatgact	tgaagcgctg	ncagtatgtg	180
accgataaag	gtgctggctg	ctgtctacan	ggctctgagt	gaccaccaca	tctacctgna	240
aggcaccttg	ctgaagccca	acatggtnac	cccaggccat	gcttgctactc	anaagttttc	300
tcatgangag	attgccatgg	cgaccgtcac	ancgctgcnc	cgcacagngc	cccccgctgt	360
cactggggatc	accttcctgt	ctggaggcca	nactgacgag	gangcttaca	tcaacctaaa	420
tgccattaac	aagtgcccn	tgetgaancc	ntgnnccctg	accttcttct	actgncgagc	480
nctgcangcc	tctgcnetga	acgcctgngg	cggnaataag	gagaacctga	agctgctcac	540
gaagaatntg	tcaagcgaac	cctgncnaac	agccntgcct	ggcaaggaaa	gtncacttnc	600
gagccgggta	ggctagggct	tgetgcaacc	gaagtcccct	ctttggtnnt	ctaaccatcg	660
ccttttttaa	nncggaagg	tgtttcccca	aggattgccc	ccaanaact	tnnaagncc	720

ttggccccaa tttccnantt tttgaaanaa ggnaggnccg centncttta nngggcttcc 780
 aaaccttggg cttaganccc nggctttttt t 811

<210> 3041
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (757)
 <223> n = A,T,C or G

<400> 3041
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 cgctaacaag cgattctaaa ccacctatga gtatttcttt tagggctcac ttaaatacat 120
 gtttgtatat actgtattct agccagaata attttagatc tgatcaggta gtagctaaaa 180
 ttagaaaaaa acaaaataga tgcttaaaga atttgcatcc atttttgagt ctaaatcttt 240
 taaaatatac tgagatccac atctagttaa atgtcagtgt caaaatatta tagattatag 300
 ctaaaatcca gattaatact catttggggg tttttatagt ggaacttcat agtaatacaa 360
 aaagcagatt gtcttcctgt ctccgctgct cccacagtag gtattgaaac tggtaaaatc 420
 agttttttga tagtgtgtgt atataagaaa aaatagatac acacattctt ttttctcagt 480
 caacacattg attgaacact ctggcaaaga tgctgtggtg gatgangttg gagttcgaaa 540
 agaagaagca agcgctggcc tgccttgaaa gaaccgaaa gtctttccca ttcacttctc 600
 tagaaagctg ccaagacaga ngcagaaagg aaatggatga tagttctgtc aagcacactt 660
 ctgntctcnt agaacttaga aatggttcta agagaacaga agttatngag aacagttcnt 720
 gtggaattca acatcttggg tgggaacncat tggcttt 757

<210> 3042
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (788)
 <223> n = A,T,C or G

<400> 3042
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 agcgattga cttcaccct tccgagcgca ttaccagtct tgcgtctcc agcaatcagc 180
 tgtgcatgag cctgggcaag gataactgc tccgattga cttgggcaag gcaaatgagc 240
 ccaaccacgt ggagctggga cgtaaggatg acgcaaaagt tcacaagatg ttccttgacc 300
 atactggctc tcacctgctg attgccctga gcagcacgga ngtcctctac gggaaccac 360
 ttgagaaggc tgctctctag gctctgctca gtcattctgc aattgccaca ctgtgaccac 420
 gntgacggga gtagagtagc gctgtnggcc angagggtgc aagtgtgagt gaattctgcc 480
 agcttctcat gctgnnttca nanctgcagt tatgccagac catcagcctg cctncagnag 540
 aggcccttca cctggagaag tcagaaatct gacccaattt ccacccctg gnetcnagca 600
 cctcttctgn cctgggcatt cccccacna cgnnctgggt tnaccctcga gaagagaaga 660
 nanaagagaa gcaccctnnc ttccgactg gtaaanntct ggcgggcctt ttggaaancc 720
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 aaaaaanc 788

<210> 3043
 <211> 788

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 3043

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agcgcatgtga	cttcacccct	tccgagcgca	ttaccagtct	tgncgtctcc	agcaatcagc	180
tgtgcatgag	cctgggcaag	gatacactgc	tccgcattga	cttgggcaag	gcaaattgagc	240
ccaaccacgt	ggagctggga	cgtaaggatg	acgcaaaagt	tcacaagatg	ttccttgacc	300
atactggctc	tcacctgctg	attgccctga	gcagcacgga	ngtcctctac	gggaacccac	360
ttgagaaggc	tgcctcctag	gctctgctca	gtcatcttgc	aattgccaca	ctgtgaccac	420
gntgacggga	gtagagtagc	gctgtnggcc	angaggtgtc	aagtgtgagt	gaattctgcc	480
agcttctcat	gctgnnttca	nanctgcagt	tatgccagac	catcagcctg	cctncagnag	540
aggcccttca	cctgggagaag	tcagaaaatct	gacccaatth	ccaccccttg	gnctcnagca	600
cctcttctgn	ccctggcatt	ccccacnca	cgnnctgtgt	tnaccctcga	gaagagaaga	660
nanaagagaa	gcacccctnnc	tttccgactg	gtaaanntct	ggcgggcctt	ttggaaancc	720
canctcctnt	tntctcagaa	ggaagccnnt	nttcttccct	cctgggntga	aaggtgtnc	780
aaaaaanc						788

<210> 3044
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 3044

gngacctann	gntngaaacg	cnctctctgc	aggatcccat	cgatttcgaat	tcgggcacgag	60
gtttcattta	agaagaatga	gctagataaa	tgtgctcttc	tggttacccc	accctgacng	120
agtgcatttt	tacacggnta	gcaggggttg	agactgcagc	ctggcctgcc	agccattgga	180
ggtgtttaag	gaagggcaga	taatgtgact	ctttgcgggg	tgccatctgc	ttacccatta	240
ncgagcagag	gggtntntng	cgggtgaccc	cnagcatatn	tctaggttac	ttatgggcag	300
atttgtaagt	gacaatactc	cagctgatgc	tgggaatggg	gagagggccc	ttgagggact	360
ttgtgntncn	gtgcttctgg	tttcttgccc	aaccccagg	gtcaacttng	tcttggtatgc	420
ccaancttgg	gcactaatgt	ctgncacctg	actatgtnaa	antgtntaaa	tgattcctct	480
antttnggna	tgagatcttc	caatccanag	gaancccnnc	tttggacttg	ccttgggtta	540
aatcttgcac	ancntaaagt	ggttngatga	agttcatctg	aagaaattta	nggcccacn	600
tncnaancct	tnccccatc	ntgcttccct	tttgaaactt	ggcttctggg	gaaactcnng	660
ccagaagtnc	ttgnggacac	cannccnttt	tngggggntc	tcaaggncgt	ttccnttngg	720
nctgtnnccc	aaagncnnaa	nngantcnng	tngcntnnat	tnngaaggaa	ttnctggntn	780
cctangttgn	ntnnattncn	aaac				804

<210> 3045
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3045

cngtctaaac	cnttggctac	ttgctctttn	tgcaggatcc	catcgattcg	aattcggcac	60
gaggcaggag	aatcacttga	accctgnagg	tggcgggtgc	agtgagcnca	gatcatgcc	120
ctgcactcca	gcctgggcaa	caaaacgaga	cttcgtctca	aaaaaaaaaa	acntagaatt	180
tggatccttt	ggtcgggttc	tcccaaattc	ttttgagggtg	tccatggtca	actgcttcag	240
ctttgttttg	gcaaccccc	gcccgaagtc	gcatataggc	tgttcttcac	cttgtttcca	300
aggctgagga	acagaaagta	gcctctgttt	tgaggagggtg	gaagttaagt	atacatttat	360
tttttactgt	gacttgtcag	gaccacattt	tacaaaatgc	cttgtttcct	tcattgnttc	420
tggaaaagga	aagttctatt	aatattgntt	tactttgaat	atagaatagt	ttttttaatt	480
agggtctatt	ttgaaaaatc	tgagttaa	tcaaagtgtt	gccaatacct	tccaaagtaa	540
ggtaatatcc	agagacagtt	gttgtgaaca	agatggctta	aaagaaattc	ttggaatatt	600
cacattcnaa	agattcctta	ttaatgaatg	tctttgcctt	aaaatctaac	caaaaaactg	660
cacatttata	ctttgggcat	ttttcattat	atagnngtaa	caagctttag	ntgccaacca	720
aattaaaatc	cttaagcttt	ttaaaaaaa	aaaaaaaaa	actcngcccc	tttt	774

<210> 3046
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3046

cttnnnttgt	nctntntctt	tcaaatecgt	nggctacttg	ttctttttgc	aggatecccat	60
cgattcggga	agaggatgac	tgggtatgct	gtgccaccct	tgagggccat	gaatccactg	120
tgtggagctt	ggcctttgac	cagagtggcc	agcgcctggc	gtctttagt	gatgaccgta	180
ctgtgcgtat	ctggcgtcag	tatctaccag	gcaatgaaca	aggggtggca	tgcagcggct	240
ctgaccccag	ttggaaatgt	atctgtactt	tgtccggcct	ccactcaagg	accatttatg	300
acattgcttg	gtgtcagctg	acaggggctc	tggccacagc	ttgtggggat	gacgcgatcc	360
gcgtgtttca	ggaggatccc	aactcggatc	cacagcagcc	cacctctctc	ctgacagccc	420
acttgcata	ggcccattcc	caggatgtca	actgtgtggc	ctggaacccc	aaggagccag	480
ggctactggc	ctcctgcagt	gatgatgggg	aggtggcctt	ctggaagtat	cagcggcctg	540
aaggcctctt	gagctacctc	gactttggac	agagtaata	ctccccagaa	aacgtcatat	600
aagaanttta	ccaaccctg	aangaccaag	aaggagccat	tcctttgacc	ttcatttaac	660
ttgggctcac	tttttcttta	aaactttggg	tagaaaaatg	agagccccag	aattgctttt	720
ccttcccgc	ttttgacatg	aaggccttaa	gtaaaagaac	ttccngaaca	ttaaaaaaa	779

<210> 3047
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3047

tnctttgatg	ccattgctct	tgttctttnt	gcaggatccc	atcgattcgg	cttgccctta	60
------------	------------	------------	------------	------------	------------	----

cacacggaat	cgctgtgcat	ccgacagagg	ctgattggca	catggggcac	ggggattgtc	120
agctcaaaca	ccgtcagcag	cgttgccctt	ggaaatggga	tttcccagaa	cagtaaacgt	180
gtctgtcctt	gatttacaga	gtagctacat	tcctaggaaa	tccagggtac	attaaaactc	240
accatgttac	ccaggctggt	ctcaaactcc	aggcctcaag	caatcctcct	cctgtctcca	300
cacagacggc	ttctgcagg	ttggtaatct	acagtacact	ccttgcagg	aaaagggtgat	360
gagtcacat	ggacttattt	gaccactttt	tatgcatgct	tagaggaaaa	cagaatactg	420
ttaagagatt	catctgctag	ttattaagta	aagaaatata	acaataggcc	gggcgcagtg	480
gctcacacct	gtaatcccag	cattttggga	ggccaagggt	ggccggatca	cctgaggtca	540
ngagttcgag	accagcctac	caacatgggt	aaaccccgtc	ttntactaaa	attatnaaaa	600
attagcccgg	tgtagtgggt	ccacgcctgt	agtcccagtt	actttgggaa	gcttaagcat	660
taagaattgc	tttgaaccca	ggaagttgga	ngttggangt	gaacccnaaa	tgtgccctgn	720
acttcancct	ggaacagant	gagacacttg	tncncaaaaa	aaaaaat		767

<210> 3048

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3048

ttngncgact	nnanctntac	annaatcctt	tggttacttg	ccngcaggat	cccatcgatt	60
cgaattcggc	acgaggcagg	gagttgcttg	ggtggccgct	aacnccaggc	tactcttatt	120
ttagcttgct	aagttgagat	cagctagacc	tgctttcttt	tctcctcagt	cttgcatttc	180
cctcaataca	agctgtagcc	tctttcctcg	tttctagtct	cagaaggaag	gagaggggaag	240
ccattctcct	ctagggactc	ttcagttctca	tttagatgat	agtccctttt	tttctacctc	300
catattagag	atggagctcc	ttcctttttc	tgtttcttaa	tttttgtctt	ctcattcctg	360
cttcctctct	accctattgc	cagttccacc	aactagagtg	aaagacttcc	tagccatttc	420
attaaatcta	ttctgtatcc	accagggtgg	agcatcttgt	catacgtgtc	aggacttagg	480
actgcggggg	ttaggttana	tgtcacggaa	aaagctagtt	ctgtgggtcag	gcggcaccaa	540
tgagaaagga	atgcagaccc	ttcagatgta	tccttgggaa	aagcagtaaa	ccaactaata	600
tttattgaag	gacctacttt	gtccttacat	aggggnanctt	ctgtcaggga	atcntggggt	660
cttnccaaga	aacactgatt	ttctttcang	gagacttcat	ggggtcattt	atttccccac	720
agcagaattt	aagaaattat	tatatggaat	attggatatc	tataaagagc		770

<210> 3049

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 3049

gcngnctacn	gaaacccttg	gctactngnt	ctttntgcag	gatcccatcg	attcgaattc	60
ggcacgaggg	aaccatgaga	accgaagcta	gaattgctat	tgaattactt	tattttctct	120
tcccttattg	ggtagagata	catcattact	ggcctcaggg	gtttacccaa	agaaagggta	180
tttttgagca	aataatgtga	tttcttggtt	attttgggtg	gggcttaaga	tttttttttt	240
tcaaattgcat	tttttagtcac	taaaaattaa	ctgtcgtacc	atctagaact	atactgtcca	300
gtaccatagc	ctctagccgt	atgtagctat	ttgtattaag	attaattgaa	attttaaatc	360
cagttcctca	gtcacactag	ccactttcta	agtgtcaggt	agctctgtgt	gaccagcggc	420

tactgtattg	gatattatag	aaggttcttt	cattcaagat	catcattctt	gacagaccca	480
taaataatttc	ctataaagac	tgtagaagtg	tggtctggaa	gggtttgctc	tccaaaaaga	540
attgtaatat	agagtagaat	tgggatagag	tattgaagac	actgggttta	gacattggat	600
attttaatga	ttgngtgttc	taattcatgt	gctgccactg	agttatctag	tgatatgacc	660
tcactgcttg	accaaaagcc	cggaatagaa	ggcaggattc	ctggaatcta	tcttaaaaaat	720
ttgcaatgga	anaacctttt	ccctaaatta	tcccattatg	gtaan		765

<210> 3050

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 3050

gnnnnnnntt	tnaaaccctt	ggctactngt	tctttttgca	ggatcccatc	gattcggaatt	60
cggcacgagg	ctagactcaa	gctgtctgga	gagtgtgaaa	caaaagtgtg	tgaagagttg	120
taactgtgtg	actgagcttg	atggccaagt	tgaaaatctt	cattttggatc	tgtgctgcct	180
tgctggtaac	caggaagacc	ttagtaagga	ctctctaggt	cctaccaa	caagcaaaat	240
tgaaggagct	ggtaccagta	tctcagagcc	tccgnctcct	atcagtcctg	atgcttcaga	300
aagctgtgga	acgctacctc	ttncctttgag	accttgtgga	gaagggctctg	aaatggtagg	360
caaagagaat	agttccccag	agaataaaaa	ctgggtgttg	gccatggcag	ccaaacngaa	420
ngctgagaat	ccatctccac	gaagtccgtc	atcccagaca	cccaattcca	ggagacagag	480
cggaaagaca	ttgncaagcc	cggcaccatc	acgccagct	tcattgaggaa	aatctgcaca	540
tacttccata	naaagtccca	ggangacttt	ctgtggctct	gaacactcaa	ccagaattat	600
angattctaa	tctgagttga	gttactgagc	ttttggctcc	acttaaaaca	aagcttgaag	660
cttntggtn	cacttaaaaa	ccanggaatg	aaaananttc	ccaagaagtn	ggacttcttn	720
ttaactnctt	gggncntttt	tangaaaang	cttgcccntt	tttcaaattt	tttangccaa	780
aaantcnttt	tttcaaacc	ctttgaaaat	ngccc			815

<210> 3051

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 3051

gaancccttt	ggctactcgc	tctttntgca	ggatcccatc	gattcgcaaa	gatcagaagt	60
cctggcaaga	atcacanatg	gaaaaacnac	aattctagac	agagagcagt	cactggatca	120
ggcagtcact	tgtgtgattt	gaagctagaa	ggtccaccgg	aggcaaatgc	agatcctctt	180
ggtgttttga	taaacagtga	ttctgagtct	gataaggagg	agaaaccaca	acattctgtg	240
ataccaagg	aagtgcacc	agccctatgc	tcactaatga	gtagctatgg	cngtctttca	300
gggtcagaga	gtgagccaga	agaaactccc	atcaagactg	aagcagacgt	tttggcngaa	360
aaccangttc	ttgatagcag	tgctccta	agtccaagtc	aagatgttaa	agcaactggt	420
agaaattttt	cagaagccaa	gagtgagaac	cgaaagaaaa	gctttgaaaa	acaaacccta	480
ngaggaaana	agatttcaca	actatcaaac	gttattcgaa	ccangaacac	accatccata	540
tctcttgga	atgcttctag	cttccggaca	ttcgacatga	aaagaaatgt	gattttgcant	600
gtggccggt	cctcatcaaa	aaagactttt	tggttgatc	tattctgcga	aagtaagatg	660
ttagctctgg	ggttacttct	actgaanntg	tgaacattct	cctntttgt	gaggaa	716

<210> 3052
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 3052

ggnnnnnnnnn	nnttgnggtt	nannnctttt	ttncntncnn	ntttgaaacc	ctttgggtac	60
ttgntctttt	tgcaggatcc	catcgattcg	gccgccgggg	cgcaatgcga	gcggctggng	120
taggcttggt	ggactgtcac	tgccacctct	ccgccccgga	ctttgaccgc	gatttggtatg	180
atgtgttgga	gaaagccaag	aaggccaatg	ttgtggccct	tgtggcagtt	gccgaacatt	240
caggagaatt	tgaaaagatt	atgcaacttt	cagaaaggta	taatgggttt	gtcctgccat	300
gcttggtgt	tcatccagtt	caaggacttc	caccagaaga	ccaaagaagt	gtcacactaa	360
aggatttgga	tgtagctttg	cccattattg	agaattataa	ggatcggttg	ttggcaattg	420
gagaggttgg	actagatttc	tccccagat	ttgctggcac	tggatgaacag	aaggaagagc	480
aaagacaagt	cctaatacga	cagatccagt	tagccaaaag	actaaatttg	cctgtaaatg	540
tgcactcacg	ctctgctgga	agacctacca	tcaacctttt	acaagagcaa	ggtgctgana	600
aggtactgct	gcatgcattt	gatggctcgg	ncatctgtag	ccatggaagg	agtnagaanc	660
tgggtacttc	ttctcaattt	ccccttctat	cataagaaat	ggacagcang	aaacttgtga	720
aacaattgnc	tttacttcta	tatgcttaga	aacagatcac	ctgactagga	cnanaaaaca	780
ggtec						785

<210> 3053
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3053

gtnnnnnnn	tnattcccn	nanaaaacct	ttgggtactt	gctctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggtttcacat	ttgctgccat	gagcaaagan	gaggtcgaca	120
ggtacaattt	tgtgatgctg	gccctgtcct	cctcattcct	ggtgttatcc	tatctcttga	180
cccgttgggt	tggcagcgtg	ggcttcactt	tggccaactg	ctttaacatg	ggcattcgga	240
tcacgcagag	cctttgcttc	atccaccgct	actaccgaag	gagccccac	aggccctgg	300
ctggcctgca	cctatcgcca	gtcctgctcg	ggacatttgc	cctcagtggg	gggttactg	360
ctgtttcgga	ggtattcctc	tgtgtgagc	agggctggcc	agccagactg	gcacacattg	420
ctgtgggggc	cttctgtctg	ggagcaactc	tcgggacagc	attcctcaca	gagaccaagc	480
tgatccattt	ctcaggactc	agttagggtg	gcccagacgc	actgacaaaa	tgacatgact	540
tcagggaagc	ctggacaccc	gangcacctg	gaccaactat	gggtaagtgc	ttgtgggtgg	600
aacancattc	tgtgtaagaa	cccacttgan	ggcnnntttg	aaaccggaat	tgacaggnaa	660
ccccagaana	ttaaggcacc	acaaaagtgc	ccccttgcac	gaaaacacct	tgtgaaccat	720
ttcnaantct	tgaaatgccg	gggggggggaa	gtttcaattt	tttaagggaa	agaacccaaa	780
gcccccttnt						790

<210> 3054
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 3054

gnntgnttttn	nnntcttttga	tcccttcttt	caaatcnttt	ggctacttgt	tctttttgca	60
ggatcccatc	gattcgaatt	cggcacgagg	ggtgttggag	cagattntag	ttgatccaca	120
gcaaagagca	tcaccaaagc	cattccagga	ggaactagat	ccaccacttc	ctctgctggg	180
catgctccaa	aaatggttgt	ggcttccaga	gaggactcca	aaagaaagca	caaaaactag	240
acagtgggag	ggcataccca	aaagccctga	gtttctgaaa	aaatattgaa	agtttctatg	300
gtgaaatagg	aagttaatgt	gcttaggaag	aaaaaagtgg	taatgattca	aggaaacata	360
atcacacacg	gttttagttt	taatggacat	gggaggagcc	ataaaaagtag	tctatctatc	420
atcagttaca	tatctaata	actgtctatc	tgggataccc	tatcctgttt	taatctgagt	480
gactctctct	cagctgagag	agctggacag	actccatttt	agcctcttca	cttgacgtcc	540
ccttatcccc	cttccttaag	ggaataacta	gtgcaagctg	actccaagca	catncaggaa	600
tgcacttact	gataaagata	ttgangcaag	ttgtaccagc	agctcctggg	gacgtgctca	660
ntggatggtg	ccaagcccct	gcatttatct	ctttgngata	gtntaaacct	ctgcacctgg	720
aactgtgatt	tttctgtact	atctctgtac	cctnaatttt	ttttactttt		770

<210> 3055
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 3055

tncttgaanc	cctttgctac	ttgttctttt	tgcaggatcc	catcgattcg	cgtctgtaat	60
cccagctgct	tgggaggctg	aggcaggaga	ntcacttgaa	ccctggagggt	ggcgggttgca	120
gtgagcacag	atcatgccac	tgcactccag	cctgggcaac	aaaacgagac	ttcgtctcaa	180
aaaaaaaaac	cntagaattt	ggatcctttg	gtcgggttct	cccaaattct	tttgagggtgt	240
ccatggtcaa	ctgcttcagc	tttgttttgg	caacccccctg	cccgaagtcg	catatagggt	300
gttcttcacc	ttgtttccaa	ggctgaggaa	cagaaagtag	cctctgtttt	gaggagggtgg	360
aagttaagta	tacattttatt	ttttactgtg	acttgttcag	gaccacattt	tacaaaatgc	420
cttgtttctc	tcattgnttc	tggaaaggaa	agttctatta	atattgtttt	actttgaata	480
tagaatagtt	tttttaatta	gggcttattt	tgaaaaattc	tgagttaa	tcaaatgtat	540
gccaatacct	tccaaagtaa	ggnaatatcc	agagacagtt	gttgtgatca	gaatggctta	600
gagaaatttc	tgggaatattc	acattcgaag	attccctatt	aatgaaatgn	ctttgacctt	660
aaaattttacc	caaaaacttg	caaccattaa	ttcntttgga	ccatttttca	ttatatagn	720
gttaaacaag	ctttagtgtg	caaaccaa	taaaattcct	taaagctaaa	aaaaaaaa	780
aant						784

<210> 3056
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3056

cgnttaaann	ccttcaactn	ntcgtttgaa	gncnnttggc	gattcgaatt	cggcacgaga	60
taacacacat	cacagtatgc	tctcagaaat	ttctttat	gaaccctata	ccaatatctg	120
ttgatcaatg	accatttttg	ctcagcatgg	agaaacagtg	ccctgcatga	agggtagtga	180
gaataaaaag	gatcttacca	cctttatcat	gagggtggct	ttgctctctc	cattccaagt	240
tgttctctgt	tctagaaagc	agatgtagta	gacatctact	gtttttgcct	aaacagaatc	300
cctttttcct	ttttttgtta	aaagtactca	tccctaatat	tacattgttc	tggaaggact	360
gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	tcattcctca	420
gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttgggtg	tggcatatgg	480
accctgagag	aaagaacttt	aattttttct	cttggactgc	aataaagtat	agctgcctaa	540
aatacgtttc	ctgacacttg	gaggtttgtc	cacaatcggt	gaaataaagg	caagacgtaa	600
caactggatg	aaaaaaaaaa	nnnnnnnaaa	aaaaaaaaact	cgagcctttt	aaaactatta	660
gtgagtcgna	ttaccgtana	tcccggacat	ggatangatn	cattgatgaa	gtttggacca	720
aacccccaac	ttggaatgcn	ntgnaaaaaa	atgctttaat	ttggngaaat	ttgggggatg	779

<210> 3057

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3057

ttancctata	ancgtctatg	aagcctttgc	tattngncaa	tggatgcagg	aaaactgaga	60
tgggatttcc	ccacgttgcc	caggctggtc	tcctgagctn	aaagcaatcc	agattgctgg	120
gattacagct	gtgagccacc	gtgcctggct	gagatgactt	ttaaaaaaag	acttctctaa	180
agtagaagga	agggtggaat	tgtatgcaca	agaagaaaaa	aacctggaag	aaaaacatac	240
taaagaggct	ggagtgcgat	ggcgcgatct	tggctaccgc	aacctccgcc	tcccgggttc	300
aagtgattct	cctgcctnag	cctcccagg	agctgggatt	acaagcatgg	gccaccaacg	360
ctggctaatt	tgtattttta	gtagagacgg	agtttctcca	tgttgggtcag	gctggtctcg	420
aactaccgac	ctcaggtgat	ccaccacact	cggcctccac	agtgtctggga	ttacaagcat	480
gaaccaccgn	gcccggnctc	ctgttccagt	ttctctataat	ctgggtcatat	tatattctgg	540
gtatatgtgg	gtgggtgtgat	tatccatgtg	gtcttatttt	cacattcttt	gcattaacta	600
taatgactta	atgttttaag	ataagtttca	tttcttcaaaa	agatgtatgt	ncaataacctg	660
ggtatcagg	aacaatctta	aaaaaactta	ttcatattaaa	aattaacctt	taaaattagc	720
cattccaatt	naacattaag	ganggttgng	agga			754

<210> 3058

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 3058

nttaantnt	gatngtcnat	aaggccttta	tcgattcgcc	aatggatgca	ggaaaactga	60
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gggattacag	ctgtgagcca	ccgtgcctgg	ctgagatgac	ttttaaaaaa	agacttctct	180
aaagtagaag	gaagggtgga	attgtatgca	caagaagaaa	aaaacctgga	agaaaaacat	240
actaaagagg	ctggagtgca	atggcgcgat	cttgggtcac	cgcaacctcc	gcctcccggg	300

ttcaagtgat	tctcctgcct	cagcctccca	ggtagctggg	attacaagca	tggggccacca	360
cgcttggtta	attttgtatt	tttagtagag	acggagtttc	tccatgttgg	tcaggctggt	420
ctcgaactac	cgacctcagg	tgatccaccc	acctcggcct	cccacagtgc	tgggattaca	480
agcatgagcc	accgcgcccc	gcctcctggt	ccagttttct	ataatctggt	catattatat	540
tctgggtata	tgtgggtggt	gtgattatcc	atgtggtcct	attttcacat	tctttgcatt	600
aactataatg	acttaatggt	taagataagt	ttcattctac	aaagatgtat	gtacaatacc	660
tggtatcagg	taacaatctt	aaaaaaaaact	aattcattta	aaaataaaca	ttaaaattag	720
ccaatccaat	taaccntaaa	gacagtttgt	ganga			755

<210> 3059

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3059

nttaantnt	gatngtcnat	aaggccttta	tcgattcgcc	aatggatgca	ggaaaactga	60
gatgggattt	ccccacgttg	cccaggtcgg	tctcctgagc	tcaaagcaat	ccagattgct	120
gggattacag	ctgtgagcca	ccgtgcctgg	ctgagatgac	ttttaaaaaa	agacttctct	180
aaagtagaag	gaagggtgga	attgtatgca	caagaagaaa	aaaacctgga	agaaaaacat	240
actaaagagg	ctggagtgca	atggcgcgat	cttggctcac	cgcaacctcc	gcctcccggg	300
ttcaagtgat	tctcctgcct	cagcctccca	ggtagctggg	attacaagca	tggggccacca	360
cgcttggtta	attttgtatt	tttagtagag	acggagtttc	tccatgttgg	tcaggctggt	420
ctcgaactac	cgacctcagg	tgatccaccc	acctcggcct	cccacagtgc	tgggattaca	480
agcatgagcc	accgcgcccc	gcctcctggt	ccagttttct	ataatctggt	catattatat	540
tctgggtata	tgtgggtggt	gtgattatcc	atgtggtcct	attttcacat	tctttgcatt	600
aactataatg	acttaatggt	taagataagt	ttcattctac	aaagatgtat	gtacaatacc	660
tggtatcagg	taacaatctt	aaaaaaaaact	aattcattta	aaaataaaca	ttaaaattag	720
ccaatccaat	taaccntaaa	gacagtttgt	ganga			755

<210> 3060

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3060

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aacacacatc	acagtatgct	ctcagaaatt	tctttatttg	aacctataac	caatatctgt	120
tgatcaatga	ccatttttgc	tcagcatgga	gaaacagtgc	cctgcatgaa	gggtagttag	180
aataaaaagg	atcttaccac	ctttatcatg	aggggtggctt	tgctctctcc	attccaagtt	240
gttctctggt	ctagaaagca	gatgtagtag	acatctactg	tttttgctta	aacagaatcc	300
ctttttcctt	tttttggtta	aagtactcat	ccctaataat	acattgttct	ggaaggactg	360
aaaataacag	aactcagcac	catgatcgga	ccgggacaat	cagattattt	cattcctcag	420
caaacggaga	tcgatccgaa	aagtggaaat	atgagctcct	ctttggtggt	ggcatatgga	480
ccctgagaga	agaacttta	attttttctc	ttggactgca	ataaagtata	gctgcctaaa	540
ataccgtttc	ctgacacttg	gaggtttgcc	acaatcgggtg	aaataaaggc	aagacgtaac	600
actggatgaa	aaaaaaaaaan	nnnnnnnaaa	aaactcgagc	ctntagaact	atgtgatcga	660

ttcgtagatc cagaatgata gatcattgtg agtttggaca accacactng atgcagtga 720
 aaaatcttat tgngaattgn gatn 744

<210> 3061
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3061
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 aacacacatc acagtatgct ctcagaaatt tctttatttg aaccctatac caatatctgt 120
 tgatcaatga ccatttttgc tcagcatgga gaaacagtgc cctgcatgaa gggtagtgag 180
 aataaaaagg atcttaccac ctttatcatg aggggtggctt tgctctctcc attccaagtt 240
 gttctctgtt ctagaaagca gatgtagtag acatctactg tttttgccta aacagaatcc 300
 ctttttcctt tttttgttaa aagtactcat ccctaataatt acattgttct ggaaggactg 360
 aaaataacag aactcagcac catgatcgga cggggacaat cagattatct cattcctcag 420
 caaacggaga tcgatccgaa aagtggaaat atgagctctt ctttgggtgtt ggcataatgga 480
 ccctgagaga aagaacttta attttttctc ttggactgca ataaagtata gctgcctaaa 540
 ataccgttct ctgacacttg gaggtttgcc acaatcggtg aaataaaggc aagacgtaac 600
 actggatgaa aaaaaaaaaa nnnnnnaaaa aaactcgagc cntagaact atgtgatcga 660
 ttcgtagatc cagaatgata gatcattgtg agtttggaca accacactng atgcagtga 720
 aaaatcttat tgngaattgn gatn 744

<210> 3062
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 3062
 nttnnnnnat aannttnatn agncttgcac ttgctctttt tgcaggatcc catcgattcg 60
 aattcggcac gagaaagccc gccaccact gtgggacttt ctggtgggct cctcagctcc 120
 caccacaggc tggggcccag attgtgaggt ctgtgtgcat gtgtgtgtgt atgtgtgtgt 180
 gcatgcgtgt gtgtgtgtgt gggatctggc ctggcccttg gggatggggc tgctggggac 240
 tgccccctt cccgccgtgg ccaggcgctc tgtgtgctgt gtgtgcccc ggcctctgtt 300
 accccgtcca ggaactaact taccagctt ggtctctcct gagtccctca cctggcctg 360
 ggattggcca gggagcaggc cgggcatttg gaccagtgtg gagcctgagg gtgcctgccc 420
 tgctctggag ggagggccag gagctgccac acccccaggt cctctcaggg cccaccctcc 480
 tttttcagcc tctgcataag gccctgggt acaactgcaga agccccatcc tcccgcctc 540
 gggcataagg cccctgacca cacttcagaa gccccatccc ccctgcaccg ggcgatccct 600
 gctgtnagcc gaactntctg cccgctgcca tgtgtcgtgt ttggtgnaga cctgatgtct 660
 gtntgtgtcc aaacgggctc aagagcctca caatctgggt agctgacca gtacgtgt 718

<210> 3063
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 3063

cgnttaaann	ccttcaactcn	ntcgtttgaa	gncnnttggc	gattcgaatt	cggcacgaga	60
taacacacat	cacagtatgc	tctcagaaat	ttctttatatt	gaaccctata	ccaatatctg	120
ttgatcaatg	accatttttg	ctcagcatgg	agaaacagtg	ccctgcatga	agggtagtga	180
gaataaaaaag	gatcttacca	cctttatcat	gagggtggct	ttgctctctc	cattccaagt	240
tgttctctgt	tctagaaagc	agatgtagta	gacatctact	gtttttgcct	aaacagaatc	300
cctttttcct	ttttttgtta	aaagtactca	tccctaatat	tacattgttc	tgggaaggact	360
gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	tcattcctca	420
gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttgggtg	tggcatatgg	480
accctgagag	aaagaacttt	aattttttct	cttggactgc	aataaagtat	agctgcctaa	540
aatacgtttc	ctgacacttg	gaggtttgtc	cacaatcggg	gaaataaagg	caagacgtaa	600
caactggatg	aaaaaaaaaa	nnnnnnnaaa	aaaaaaaaact	cgagcctttt	aaaactatta	660
gtgagtcgna	ttaccgtana	tcccggacat	ggatangatn	cattgatgaa	gtttggacca	720
aacccccaac	ttggaatgcn	ntgnaaaaaa	atgctttaat	ttgnggaaat	ttgggggatg	779

<210> 3064
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3064

tnnnnnntnn	atnttgcct	tgncnttgaa	ggcttnctcg	attcgaattc	ggcacgagaa	60
gctgctaggt	tccagtttta	atnttttaggt	ttagttggac	tctgttatga	aaagataggt	120
tatgggtggg	cgacaggttg	atacagtctt	agaaaaagca	ggtaatatca	aagtattgga	180
aagctagcat	gcatgcctc	ttacctgggt	atcttcccc	ttttttcctt	ttaaactcct	240
gagcctccta	taacgaagga	ttatgtgttt	caaacctttt	ttttttactg	tttcattaag	300
tgtgcttggt	cccaaaatat	ttacttgtat	aatatctgta	cttgcttaaa	tacttcagca	360
aagtcagcat	atttactcat	tcaacaaata	tttgagccag	gcattatatt	agacacagca	420
gtgaacaaaa	caaaaaggca	ttcttgcctt	catggagctt	acattcttat	tggtatattaa	480
atctaaatgt	tataaaacaa	gaattttatat	tctaggggtg	atcagctagt	atttaaatcaa	540
aaangccaca	ctcccatagc	agctctctaa	gctgtagtag	ctaataaaaa	atattaatgg	600
tggccgggca	cagtgctnac	gcctattaat	cccagcactt	tgggangcca	aggtggtaga	660
tcacttgagg	tcaaaagtgt	gacccagcct	ggccaacctg	gtgaacccta	tctctttaaa	720
aatccaaaa	aatccaaaa	aattacttgg	gctg			754

<210> 3065
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 3065

cgnttaaann	ccttcactcn	ntcgtttgaa	gncnnttggc	gattcgaatt	cggcacgaga	60
taacacacat	cacagtatgc	tctcagaaat	ttcttttatt	gaaccctata	ccaatatctg	120
ttgatcaatg	accatttttg	ctcagcatgg	agaaacagtg	ccctgcatga	agggtagtg	180
gaataaaaag	gatcttacca	cctttatcat	gaggggtggc	ttgctctctc	cattccaagt	240
tgttctctgt	tctagaaagc	agatgtagta	gacatctact	gtttttgcct	aaacagaatc	300
cctttttcct	ttttttgtta	aaagtactca	tccctaatat	tacattgttc	tggaaggact	360
gaaaataaca	gaactcagca	ccatgatcgg	accgggacaa	tcagattatt	tcattcctca	420
gcaaacggag	atcgatccga	aaagtggaaa	tatgagctct	tctttggtgt	tggcataatg	480
accctgagag	aaagaacttt	aattttttct	cttggactgc	aataaaagt	agctgcctaa	540
aatacgtttc	ctgacacttg	gaggtttgtc	cacaatcggg	gaaataaagg	caagacgtaa	600
caactggatg	aaaaaaaaaa	nnnnnnnaaa	aaaaaaaaact	cgagcctttt	aaaactatta	660
gtgagtcgna	ttaccgtana	tcccgacat	ggatangatn	cattgatgaa	gtttggacca	720
aacccccaac	ttggaatgcn	ntgnaaaaaa	atgctttaat	ttgngaaat	ttggggatg	779

<210> 3066

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3066

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gttgatcaat	gaccattttt	gctcagcatg	gagaaacagt	gccctgcatg	aagggtagtg	180
agaataaaaa	ggatcttacc	acctttatca	tgaggggtggc	tttgctctct	ccattccaag	240
ttgtttctctg	ttctagaaag	cagatgtagt	agacatctac	tgtttttgcc	taaacagaat	300
ccctttttcc	tttttttgtt	aaaagtactc	atccctaata	ttacattgtt	ctggaaggac	360
tgaaaataac	agaactcagc	accatgatcg	gaccgggaca	atcagattat	ttcattcctc	420
agcaaacgga	gatcgatccg	aaaagtggaa	atatgagctc	ttctttggtg	ttggcatatg	480
gaccctgaga	gaaagaactt	taattttttc	tcttggactg	caataaagta	tagctgccta	540
aaatacgttt	cctgacactt	ggaggtttgt	ccacaatcgg	tgaaataaag	gcaagacgta	600
accctggatg	aaaaaaaaaa	nnnnnnnaana	aaaaaactcg	agcctntaaa	ctatagttag	660
tcgattcgta	gatccagaca	tgatagatcc	ttgatgagtt	tggaacaacca	cactngatgc	720
atgnaaaaaat	cttattgnga	attggggag				748

<210> 3067

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3067

gnttgaatcc	ctnncanatc	ncttggntgc	aggatcctat	cgattcgaat	tcggcacgng	60
annacacaca	tcacagtntg	ctctcagaaa	tttctttatt	tgaaccctat	accaatatct	120
gttgatcaat	gaccattttt	gctcagcatg	gagaaacagt	gccctgcatg	aagggtagtg	180
agaataaaaa	ggatcttacc	acctttatca	tgaggggtggc	tttgctctct	ccattccaag	240
ttgtttctctg	ttctagaaag	cagatgtagt	agacatctac	tgtttttgcc	taaacagaat	300
ccctttttcc	tttttttgtt	aaaagtactc	atccctaata	ttacattgtt	ctggaaggac	360

tgaaaataac	agaactcagc	accatgatcg	gaccgggaca	atcagattat	ttcattcctc	420
agcaaacgga	gatcgatccg	aaaagtggaa	atatgagctc	ttcttttggtg	ttggcatatg	480
gaccctgaga	gaaagaactt	taattttttc	tcttggaactg	caataaaagta	tagctgccta	540
aaatacgttt	cctgacactt	ggagggtttgt	ccacaatcgg	tgaaataaaag	gcaagacgta	600
accctggatg	aaaaaaaaaa	nnnnnnaana	aaaaaactcg	agcctntaaa	ctatagttag	660
tcgattcgta	gatccagaca	tgatagatcc	ttgatgagtt	tggaacaacca	cactngatgc	720
atgnaaaaaat	cttattgnga	attggggag				748

<210> 3068

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3068

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annacacaca	tcacagtntg	ctctcagaaa	tttcttttatt	tgaaccctat	accaatatct	120
gttgatcaat	gaccattttt	gctcagcatg	gagaaacagt	gccctgcatg	aagggtagtg	180
agaataaaaa	ggatccttacc	acctttatca	tgagggtggc	tttgctctct	ccattccaag	240
ttgttctctg	ttctagaaag	cagatgtagt	agacatctac	tgtttttgcc	ttaacagaat	300
ccctttttcc	tttttttgtt	aaaagtactc	atccctaata	ttacattggt	ctggaaggac	360
tgaaaataac	agaactcagc	accatgatcg	gaccgggaca	atcagattat	ttcattcctc	420
agcaaacgga	gatcgatccg	aaaagtggaa	atatgagctc	ttcttttggtg	ttggcatatg	480
gaccctgaga	gaaagaactt	taattttttc	tcttggaactg	caataaaagta	tagctgccta	540
aaatacgttt	cctgacactt	ggagggtttgt	ccacaatcgg	tgaaataaaag	gcaagacgta	600
accctggatg	aaaaaaaaaa	nnnnnnaana	aaaaaactcg	agcctntaaa	ctatagttag	660
tcgattcgta	gatccagaca	tgatagatcc	ttgatgagtt	tggaacaacca	cactngatgc	720
atgnaaaaaat	cttattgnga	attggggag				748

<210> 3069

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 3069

ggnnnnnnntc	ttttcnaatg	cttggtctct	gttctttntg	caggatccct	cgattcgcaa	60
gagagagtga	tagaattggc	agtgaatat	acgaaccacc	ctcctgccct	ctgggttcac	120
aatacgtgta	cacttgactg	tgaagtggct	gtgagagtgg	gtggagagtt	cttctttgac	180
cctcagcctg	cgatgcctc	tagaaacctc	gtgttgattg	caggaggagt	cggaaattaac	240
cctctgcttt	ccatcctgcg	gcacgcagca	gatctcctca	gagagcaggc	aaacaaaaga	300
aatggatatg	agataggaac	aataaaaacta	ttctacagtg	caaaaaatac	cagcgaactc	360
ctgtttaaga	aaaatatcct	tgatttagta	aatgaatttc	ctgagaagat	tgcatgcagt	420
ttgcatgtta	caaaacagac	tacacaaatc	aatgcggaac	tcaagccata	catnacggaa	480
ggaagaataa	cggagaagga	gataagagat	catatttcaa	aagagacttt	gttctatatt	540
tgtggccacc	ttcaatgaca	gactttttct	ccaagcaact	ggaaaacaac	catgtcccaa	600
agaacacatt	tgctttgaga	agtgggtgga	ggaggcagac	aaaggcagaa	aaaattaaga	660
ggtgagatct	actcaggaga	gctcaaaann	aaaaaaaaaa	aaactnggac	ctntagaact	720

atagtgagtc gtntttccgta gatccagaca tgataa

756

<210> 3070

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 3070

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agtgatgcct	tagtcacttg	gccacacagt	tttgtgggtt	acgagtcag	ggaattgctt	120
gtcttactct	gactgctaaa	gttctgtcct	attgtctttt	catgtaatag	caacatgact	180
ctgatgacaa	agcccaacta	attacacaac	ttaattttaat	agtttaaagc	gcaaagggca	240
ttccctgagc	agtaaaatct	tttgtttgga	aatttttaaaa	caaattatat	tttactttat	300
gttttatatt	tacntaata	agtatttaca	agaacacaat	tttctcaaga	tttaaactgc	360
tcattgttcc	ataaatagga	cacacattta	gaaagaggat	ttttttttta	aggaatatatt	420
tagtgattac	ttctggctaa	aaacatgaaa	ctcttttagt	gcttgatggt	actggaaact	480
tgctctagat	tattttttga	atctttgtctg	ngagggtaaa	aatagaaatg	ttttcctccc	540
aattattgct	ttgaattaaa	atttttgtgtc	tgggtgaaat	ttcctctggc	ttaatgcatg	600
accaggctgg	tagaaaatgt	ttcacctaaa	tcctcttatt	tttggtaaaa	cattcataat	660
nccaaaccct	aatagtttgg	naaggcatgt	gataattggg	aatcccnctn	ctgtcctcan	720
tttataaatt	ccctgacaa	cagccctgct	taanaatatc	acctacttct	ggttggtatt	780
cttnccgn						788

<210> 3071

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3071

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aacacacatc	acagtatgct	ctcagaaatt	tctttatttg	aaccctatac	caatatctgt	120
tgatcaatga	ccatttttgc	tcagcatgga	gaaacagtgc	cctgcatgaa	gggtagttag	180
aataaaaaagg	atcttaccac	ctttatcatg	aggggtggctt	tgctctctcc	attccaagtt	240
gttctctgtt	ctagaaagca	gatgtagtag	acatctactg	tttttgccta	aacagaatcc	300
ctttttcctt	tttttggtta	aagtactcat	ccctaataatt	acattgttct	ggaaggactg	360
aaaataacag	aactcagcac	catgatcgga	ccggggacaat	cagattattt	cattcctcag	420
caaacggaga	tcgatccgaa	aagtggaaat	atgagctctt	ctttggtggt	ggcatatgga	480
ccctgagaga	aagaacttta	attttttctc	ttggactgca	ataaagtata	gctgcctaaa	540
ataccgtttc	ctgacacttg	gaggtttgcc	acaatcggtg	aaataaaggc	aagacgtaac	600
actggatgaa	aaaaaaaaan	nnnnnnnaaa	aaactcgagc	ctntagaact	atgtgatcga	660
ttcgtagatc	cagaatgata	gatcattgtg	agtttgagca	accacactng	atgcagtga	720
aaaatcttat	tgngaattgn	gatn				744

<210> 3072

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3072

cactganctn	ctatccttct	tcnttgcagg	atccnatcga	ttcgaattcg	gcacgagatc	60
ctgtcgggtat	tccttgggtat	ctgantnaaa	taccaaataag	taccatacat	gagttatttc	120
taagtttgaa	aagtaaaaag	aaattgcatc	acactaatta	caaaatacaa	gttctggaaa	180
aaatatTTTT	cttcatttta	aaactTTTT	aactaataat	ggctttgaaa	gaagaggctt	240
aatttggggg	tggtaactaa	aatcaaaaaga	aatgattgac	ttgaggggtct	ctgtttggta	300
agaatacatc	attagcttaa	nnntncngac	aanngcntnt	gtaatgntgt	aactgctgtt	360
aatattnant	gctntngtnt	gagcnacctn	antntgaaca	gatgngtcag	cctgcatgct	420
ggacatgcct	canaaccatg	aatagcccgn	actagatcct	gngaacatgg	atcttagagt	480
cactttggaa	taagtnctta	tntnaatacc	cncagccttt	tgagaacggg	gcttggttaa	540
ggacncgtat	gtagggcccg	tacctactgn	cagttgggtt	cangnaaatg	ggattgactt	600
tggnccttaag	ntccttggtc	ataattTTTT	aaaatatggg	antnggaaaa	cccccaaaga	660
atggaatgga	ctcttnaaaa	cantgaaaag	acccttatcg	gttgncctt	ggaatgtaga	720
atttggmntt	nggnttnctt	aattctgctt	ggtnaaaggg	gncagttt		768

<210> 3073

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3073

tcnctcctna	aatcggtggc	gctctcttgc	aggatccctc	gattcgaatt	cggcaccgagc	60
tctcaaataag	aaatggggaga	taagaaatat	atctgtgcaa	tattaaattg	aaaaaaaaaa	120
cccataaaaa	gtgtcaaagg	caaataattt	gctctagatc	acaaaactag	ttagcacaag	180
gctaggatta	taaccagggt	ctaggaaaaa	atcctgaagg	tgatttaact	gagtgttagg	240
ccctgtcaag	ccacctgcta	aggctcatgg	tctttcagac	tagcttcaac	attccaaatc	300
aggcaatagc	tacaacggaa	agataattgg	acgggggaatc	ctgagatcag	agtcctagtt	360
tggctttgtc	tcttgtagca	ggatttttta	aatcaggggc	agctctcttc	tcccatccca	420
gccatgaatc	tttcaacctt	agtggtcacc	aacttgactc	cattccttat	atcaagcctt	480
gtcctgtcaa	ttctccctta	aatgttagtt	gcatccattt	ctaaatatat	ccatggccat	540
caccctagta	aaaagactat	tacctcacac	cccgcacttg	atcttcccc	aactttaagt	600
gactcagttc	cttatatcac	tgccacaaga	attaacaccc	atgtccatct	tttcattttc	660
tgctgaaaga	ttttcagtg	ttccacttg	aatnccaaat	aaagttcgaa	tcccttanaa	720
tggcattcac	agccttntac	ttctggnccc	acttttatnt			760

<210> 3074

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3074

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cacgaggaac	aagcacagcc	caagccagat	gtacagcaca	cacagcatcc	catggtggcc	120
aaagacaggc	agcttcctac	cttaatggca	cagccccgcg	aaactgtagt	acaggtgctt	180
gcagtgaaaa	ccacgcagca	gctccctaaa	ctgcagcagg	ctccgaacca	accaaaaatc	240
tacgtgcaac	cccaaaccct	ccagagccaa	atgtcgctcc	cagcttcttc	agagaaacag	300
acggcaagcc	aggtggagca	gccaaattata	accaaggat	cctctgttac	aaagataact	360
tttgaggggc	gccagcctcc	cacagttaca	aagataactg	gtggcagttc	tgtgcctaag	420
ctgacatcac	cagttacaag	catatctccc	attcaggcct	ctgagaagac	agcagtgtct	480
gacattttga	aaatgtcttt	gatggaagct	cagattgata	caaagttaga	acatatgata	540
gtggatcccc	caaagaaggc	tcttgccact	agcatgctca	ctggtgaagc	aggatcatta	600
cccttccacc	cacatgggtg	tgcagggatg	gcgaattcca	cttcccagca	acagaaatgt	660
agagagtcct	gttcgagttc	attcacgnt	ggctcttcct	taacgacaag	gaaaatttga	720
tccaccanca	gtgccttgc	acanggccan	ttnatgcgta	tttcanaatg	t	771

<210> 3075

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3075

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tgtgctattg	ttcattctct	gtgaaggctg	ttcatagttg	ctatagcctg	tgttttagttt	180
tgtgatttca	tcaatcccat	ctttctgtgt	gagtaatgca	ttctaaacat	cctacccccc	240
tttagaaaac	gacgtgggga	acgcttggtc	atttaagcca	acaataaatt	taggtgaatg	300
tccctaagtg	tttactgntt	ttatccagtc	aaggatttgc	ttttccttga	acatttgttt	360
taaattctgg	ggccaaaatg	caaaggagaa	gttctattca	aaggcagtag	ttgaaatcta	420
ttatttttagt	tagcctactt	ggcattttact	acatcggtca	cttctccagg	ctgccctaaa	480
ttaggttgat	ggagtggagc	atgccaaaaca	tccacctttg	ggaccatagc	atagntaaaa	540
ttaaatgtag	ttggaatagc	tagcattgca	gctacagtag	ggaaactgtag	tctanttccc	600
taccgaaaac	ccaaggagta	agggacagga	ttttgcctag	gcaaaaatct	aagactcgtg	660
cccttctggt	acatggggnt	taagactgaa	tgtgtaatag	gagactgctt	tgccaatcaa	720
atgatgacag	gtactgaaat	ngcaatccat	t			751

<210> 3076

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3076

ntnnnnngtc	taataattcn	nnttctttgc	netctccatg	caggatccca	tcgattcgaa	60
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ctatggaaaac	cttacaggat	actgacttag	aacctctgtt	ggaatgtggc	tgagtcaaag	180
cctcctgttg	ttgttagggg	tatctacagt	aaggagatga	tacttcagga	gattatattt	240
cactcaatga	tcttttctca	tttcagggtc	cttctcaaat	aagctaaaag	aaaaaggatc	300

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aggagacagg aaaagtcttc cgttttgagt catgagtagg gcaatagaca aggttctctt 360
caaaaccatc attagtttgg ctttaagaaa ccagtagcta gctgctatctt atatggtgag 420
ggggtgctgc ctggtaacag aatagctcca caccacagct tgagattttg tttagtttca 480
ctgtgtgagc tttcataaag tctgttgcca ttccatctct gtgttaaacac ttcataattt 540
tatgaaattc agataatttg tgagaggctg gcatggatct aaggatttat tattttttatt 600
ctagtccatc aagttcaatc gcagttttat actaggacct tttaggatgg tncataaaat 660
gtgtggactg tttgnccttg anttaaaagt gccacttttg gccctggggc atggnnggct 720
tcatgcctat taatcccagc acttttgagg aggnccaagg ccggttggtc tcaactttgan 780
gctaaggaaa ttc 793

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<210> 3077

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3077

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nctcnantan ctatngcttg gttncctcgt ctntctgcag gatcccatcg attcgttcga 60
gtgcaagctc cccatctttc gaaagtttcc atggcaatac agctaactga agaactaaaa 120
gccagtgatg tacttgccag gtttctcagc caagaaagtg gggttgcccga gactctcaag 180
aaaggagaag tttttttgta tgaaattgga ggaaatattg gggaacgctg ccttgatgat 240
gacacttaca tgaaggattt atatcagctt aacccaaatg ctgagtgggt tataaagtca 300
aagccattgt agaagactta acaagctgca gataaccatg tggacttctg tcataattct 360
tgctgagtca agagtgtaaa taaaagaaat ggcaggactc atattattca gttgtaccca 420
agtattttaa aatgactctc ttaagcctta aaaagtcata gatttgtgct gctgccagaa 480
ttatattaat tattattaat gttattatta gaaaaaaaat ttctggagtg agagtaaaga 540
ggcttaatta gtttgtgggc agttttcata tgctctgtga aatgtgtcca gatgtgacat 600
agtttttttt taatatgtgg aaagtcttct cttcccatc ttttctccta aaatcatata 660
tactgnaata tatgctctct nactctatta ccttcttaca tctacccttt ccanttangt 720
ttgctttttg cccaaaagat accaattcca ngtttggaag ttg 763

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<210> 3078

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3078

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actttaatag atnttatttn gtatttatat agtgcttct tcaagaacct taaatgcttt 180
acagacatta tctctaatta atccccacaa caaccctgtg aggtaggatg tactcccat 240
ttacaagaca ggganactga agcacagaga ggttaagtga cttgcccgaag gtcacacagt 300
taaattcact gaagagccag gacatgagcg ctttagcntc ccanntccca gccnaatacc 360
tcatgataga atctttaata aaaagtgttt nttaaagaaag tatcacgagt agttatgtta 420
tgaaaatgag gtctttntac tgccatcaag gaaagaaaaa accctatact gatgggttaga 480
ggccccaaga cccacataat acaacatttn cctctttccc tgttccnaag cntcctgggt 540
cctgtcttaa ataacttttt aaaggtnaaa tttccaagac agaagccatg tgacttaaga 600

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agtgggactt	aatttttagaa	tattttacttt	agttacataa	atttatagga	aattttttatt	660
cccatttnca	aaatatggga	cagccattcc	aacatcatgt	catagttaca	cggnaatcaa	720
gtcccccantt	acaacttaca	ccanccccgn	attttaatca	cagtcaacca	acnt	774

<210> 3079

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3079

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tgggatttcc	ccacgttgcc	caggctgggc	tcctgagctn	aaagcaatcc	agattgctgg	120
gattacagct	gtgagccacc	gtgcctggct	gagatgactt	ttaaaaaaag	acttctctaa	180
agtagaagga	agggtggaat	tgtatgcaca	agaagaaaaa	aacctggaag	aaaaacatac	240
taaagaggct	ggagtgcgat	ggcgcgatct	tggctaccgc	aacctccgcc	tcccgggttc	300
aagtgattct	cctgcctnag	cctcccaggt	agctgggatt	acaagcatgg	gccaccacgc	360
ctggctaatt	tgtattttta	gtagagacgg	agtttctcca	tgttggtcag	gctggtctcg	420
aactaccgac	ctcaggtgat	ccaccacct	cggcctccac	agtgctggga	ttacaagcat	480
gaaccaccgn	gcccggntc	ctgttccagt	tttctataat	ctggtcatat	tatattctgg	540
gtatatgtgg	gtggtgtgat	tatccatgtg	gtcttatttt	cacattcttt	gcattaacta	600
taatgactta	atgtttttaag	ataagtttca	tttcttcaaa	agatgtatgt	ncaatacctg	660
ggtatcaggt	aacaatctta	aaaaaactta	ttcatattaa	aattaacctt	taaaattagc	720
cattccaatt	naacattaag	ganggttgng	agga			754

<210> 3080

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3080

cnacnaattn	acanntcact	tnctnctngc	nctnntngca	tncgattcga	attcggcacg	60
aggatgaatgc	tgtgcctgtg	gccccacctg	tgtgtgatgt	cgccagaacc	cagccgactc	120
cttcagagaa	agctgcagga	gtcctggagg	gggcccttgg	gccacatggt	gtcactaacc	180
tttatctcta	tccaatcaaa	tcctgtgctg	catttgaggt	gaccaggtgg	cctgtaggaa	240
accaagggct	gctatatgac	cggagctgga	tgggtgtgaa	tcacaatggg	gtttgcctga	300
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tcattggtcat	caaagccaaa	gggatggagc	ctatagaggt	gcctcttgag	gaaaatagtg	420
aacggactca	nattcgccaa	agcacggctc	gtgctgacag	agtaagtact	tatgattgtg	480
gagaaaaaat	ttcaagctgg	ttgtcaacat	tttttgcccg	tccttggtcat	ttgatcaaac	540
aaagttcaaa	ctctnaaagg	aatgcaaaga	agaaacatgg	gaaagatcaa	ctttccttgg	600
tacaatgggc	cacccttttc	tctgtgaatg	aangccncng	tatctgnttg	atcaacacat	660
tccagtattt	ttggaacttc	accgggnaac	ttnaaacacc	cattgatgan	aatgggaaan	720
ganggaatta	tttttacttg	aaaggatctt	naccttgctg	tttcgtgccc	aatattttatt	780
ancan						785

<210> 3081

<211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(812)
 <223> n = A,T,C or G

<400> 3081

cttatnnant	actccgtctc	taaagccttt	ntcngattcg	aattcggcac	gagggaaaca	60
gctgactgcc	actgaaagaa	tnagcagttt	taggggacta	gctcctatgg	gagataaagg	120
tcagaaatcg	tagtatctga	tgaagatatt	ttgatgagca	ggtgagaaga	aagataaaca	180
tggccagatg	gccaaaggact	gggataagta	gccgtttcac	attcaattag	aattctgtgg	240
ctggaataag	atcagggaga	gcagtaggaa	gatatagtat	tctataattc	atagcttggt	300
gtgttagaga	ttaattagga	ttctgctggt	gaatccttagt	acaaaaaaat	ctaataattta	360
ttaggaatta	aggggaagatg	gtactttctgt	tatgttgccct	aagcagacag	gaagctacaa	420
gaacaccagt	ctgaagcagt	gcctcaggat	ctcagatgat	ttaggaagtg	tgctgtaatg	480
tcaaaaaaaaa	aaaagtattg	tcttttagtat	atctatgtat	agtctcgtgg	gaaaagcatt	540
ggttggtgta	tcaacagata	ttctgggttc	cagatgtctt	gnaagttaac	ctgcctccca	600
tttccctttc	tgtaaagcca	aaataattgg	ttttaccacc	ctaaatctgg	cctctcaagg	660
gattnccatt	ntttaantna	aaaaattatg	gtcctantna	aagtgccaaa	aaaaaaaaann	720
nnnnnaaaaa	aaccttngga	gnccctnttt	anaacctttt	tngtgagggt	ccgnattttac	780
ccttnnnaat	ncccggaacn	ttggattaag	gt			812

<210> 3082
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3082

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taagtttgaa	aagtaaaaag	aaattgcac	acactaatta	caaaatacaa	gttctggaaa	180
aaatattttt	cttcatttta	aaactttttt	aactaataat	ggctttgaaa	gaagaggcct	240
aatttggggg	tggttaactaa	aatcaaaaaga	aatgattgac	ttgagggtct	ctgtttggta	300
agaatacatc	attagcttaa	nnntncngac	aanngcntnt	gtaatgntgt	aactgctggt	360
aatattnant	gctntngtnt	gagcnacctn	antntgaaca	gatgngtcag	cctgcatgct	420
ggacatgcct	canaaccatg	aatagcccgn	actagatctt	gngaacatgg	atcttagagt	480
cactttggaa	taagtnctta	tntnaatacc	cncagccttt	tgagaacggg	gcttggttaa	540
ggacncgtat	gtagggcccg	tacctactgn	cagttgggtt	cangnaaatg	ggattgactt	600
tggncttaag	ntccttggtc	ataatttttt	aaaatatggg	antnggaaaa	cccccaaaga	660
atggaatgga	ctcttnaaaa	cantgaaaag	acccttatcg	gttgncctt	ggaatgtaga	720
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<210> 3083
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3083
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 cttctttttac atcagaaaaac cagtcaatca tatggagact tcttttgtga tgaaaaaggg 180
 ctttagaagt taaatacatg catgcacatg aaaacatgca caaccacagc ctcaatcttg 240
 tatttagttt ggggaaagag aagagaattt cctgtggatt attttttcct caagtgcacc 300
 tctctgggta acccaaactc tgcaagaaag cactgtgact aaaacataca taacgcctgc 360
 ataaatattc catggtttca gttaaatttc agtttttagc ctttacacat gaggtcaaag 420
 gagtgcagaa aatacaaagc aaggaaaaaa tgaaatatct ggtttttgct gaatgcttaa 480
 tttatttttt actgtgccac tccaatatatt atcaaatcca aatagcatga atgcttctct 540
 gtagtaatac taattttgtg ctttttgtct gctttcttaa gaccagttgt tcacactttg 600
 taggatatta gacaaatata tttcgattga attccacaac taaanaaaaa aaaaacttnn 660
 agcctnttag aacttttagg gaggtcgnat tacggtagat ncanaccatg gataaggata 720
 cattggatga attttggaca aaccccaacn ttggaatgcc ntggnaaaaa aatgcttttt 780
 t 781

<210> 3084
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

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 cattgcagtg catggataac aatcttctgc aagcccggtc agcccttcag acagcttatg 180
 tggaagttca gaggtactt atgctcaagc agcagataac tatggagatg agtgactga 240
 ggacccatag aatacagatt ctacagggtat tacaagaaac atatgaacct tctgagcacc 300
 caggtttggc atagaaatgg tacccttgt tcaaaatgaa caagaagcct tagatttggg 360
 tggggaacct gatctgtcca gtctanaagg attccantgg gaaggtgttt ccatttcctc 420
 gtcccttggc ttggcaagaa agcgaagcct ttctgagagc agcgtgatca tggacagagc 480
 tccttctgtg tatagcttct tcagtgagga aggtacaggc aaanaaaatg agccccagca 540
 gatggttcac ctagtaactc attgagggtc tggacagagc cagaaagcaa cccattgcac 600
 ctttaaaaca agaagtgaca cctnggggct tgccctncc tcccgaacan gtggaaaagg 660
 ggcttgaaaa tgggtgcttc ccaaanggcg acntagtnca ccaattatcc tctgancata 720
 ttaataacct tgatngcatt ttggccaaaa agacttgacc agncaaggaa nagggtctatt 780
 cccccc 787

<210> 3085
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 3085

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gggtatccgt	cattgctcaa	actctatagt	gtattgctgg	agccaatagg	cagggtatat	180
tttattagct	aaatttgata	tttgtcttct	gccttctgta	tcacctccaa	gctataggaa	240
atcaggattt	tgttggcttt	aagaaaaac	atggtatggt	caactgtatat	taaatatacc	300
tgtatttaat	gttttctctt	aggacagaaa	agtagacaca	cacacacaca	gaacaggctc	360
tggtgtgttc	agctttctgt	tttatattat	ttgccattga	gattagaata	gaacaggctc	420
tattcatgca	aactatatga	aatgaaaaac	ttttaagact	cttcattaat	tgagagcttct	480
gggcaacatc	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtatacag	acattttttt	540
tttaacttgn	tgattcanat	gtcttggtcc	ctgaatagtc	ctagattact	tatttttgaga	600
attcattggt	aaaattacag	ggaattaaaa	taattgcctt	ttttttagan	ggtaaganat	660
gggtagaaga	ntatgcctnt	gnaaatttat	tagntattct	tgtggagaat	nccagaaaaat	720
gggtatttgc	ccatgctaaa	tatganatan				750

<210> 3086

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(954)

<223> n = A,T,C or G

<400> 3086

tnnnnnnncc	ggnttctnnc	tcacgantnt	ngcatgcatt	tganagcatt	natcgattcg	60
aattcggcac	gagctgcgct	atcagcgcaa	agaacctccc	gttagtgcca	ctgacccccc	120
ctnccccccag	ccccacagct	gggtctggct	gggcactgac	caggaggaac	tgagccgcca	180
gctggaccgg	cagtcccctg	gcccgcceaa	gggggagggg	agctgcccct	gtgagagtgg	240
gggangagg	gaggccccta	ccctggcccc	tgccctcct	gggggcacca	ccagctnctc	300
aagcacnctg	gcccgaaggg	aggctnntng	ggcggtcnaa	gcgagtana	tttgtgacat	360
ttgcncagc	cccttcagcc	cagnnacctg	aggagcctgt	aggggcccct	tgctgtgcag	420
taccatnctt	gtggcaggcg	acgaggacat	ccgntgngtg	tgtnaaggac	atggngcttg	480
aaggaccctg	angaagcttc	nnaaactaca	tngagaggat	cccngggcaa	ctttcttgac	540
nctgcaanan	acaaccttgg	tcaagcccac	ncaacttgg	gcaaacgann	nggtgngaag	600
ggtttcccaa	cttgagagccc	tttttccgtc	cttgcccctc	ggncanttt	cgtttttngg	660
tagccttgg	ttggaattcc	caagntcccc	cttgcccttn	gngtnnctc	ncnnancaa	720
nggggacntt	tacnatttn	cnaagggcnc	ncccnntntt	tgggcccctt	ggcccccnnt	780
ttgggccc	tggggaaacc	aatgggggtt	cnmntnaaaa	ngngnaaaag	gggcctttca	840
attggccncc	ccnttttaaaa	atttnaaatg	gggggaaaac	ncccttttta	tcntatttnt	900
cttaaacccn	gnaanattta	aaaaccnnn	atnnaaagg	gaaaaaaaac	cccg	954

<210> 3087

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3087

tnnccgnctaa	mnttnatgcc	ttngttnntn	cntccntttt	gcaggatccc	atcgattcgt	60
tagtgtactg	gatgtcaggt	ccctcaaaga	ttccttggac	cattttcatg	tgaatgaaga	120

agaaatcaat	tgtctttcat	tgaatcaaac	ggaaaacctg	ctggcttctg	ctgacgactc	180
tggggcaatc	aaaatcctag	acttggaata	caagaaagtt	atcagatcct	tgaagagaca	240
ttccaatatc	tgctcctcag	tggtcttttcg	gcctcagagg	cctcagagcc	tggtgtcatg	300
tggaactggat	atgcaggtga	tgctgtggag	tcttcaaaaa	gcccgaaccac	tctggattac	360
aaatttacag	gaggatgaaa	canaagaaat	ggaaggccca	cagtcacctg	gtcagctctt	420
aaaccctgcc	ctagcccatt	ctatctctgt	ggcttcgtgt	ggtaatatatt	ttagttgttg	480
tgcagaagat	ggtaagggttc	gaatcttttcg	ggtgatggga	gttaagtgtg	aacaggaact	540
gggattttaag	ggccacactt	caagggtatc	ccagggtctgc	tttctcccag	aatcctattt	600
gctgcttttac	tgganggaat	gatggggaag	atcacctgtt	gtggggatgc	caaacagtgg	660
aagtttgaag	aaaaaaccag	aagaagtccc	cacaaaaccg	taccacaggg	gaagaaaccc	720
taaaggangg	acnttgcacc	aaagcagggg	gggaaaatcc	tnacgcctta	agtnacccga	780
tggagggaa						789

<210> 3088

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3088

tgnttnnngt	tnnntntnag	ccttgcctct	tgcttctgca	ggatccctcg	attcgaattc	60
ggcacgaggg	ccaaagaggt	gctacatgca	ttgaaagaaa	aggttacttc	actacctgac	120
aaccataaaa	atgcccttgc	tgctaacata	gatgaaattg	tatttacatc	aacaggagac	180
atctccattt	actatgatga	gaaaggaagg	aagtttgtta	acatcctgat	gtgcttttgg	240
tatctaacca	gtgccaacat	ccccagtga	actttaagag	gagccagtgt	attccaggtt	300
aagttgggga	atcagaatgt	ggaaactaaa	caacttctta	gtgcaagcta	tgagtttcag	360
aggaggttca	cacaaggagt	aaagcctgac	tggaccattg	cacggattga	acactcaaaa	420
ttattagaat	aattttcttg	gaaaaatcag	cttatggact	ttagcagttg	ctgtgaaaaa	480
ctaaggaaga	aaaatttttg	ggtcatttga	tcttcaacta	atctaagtct	gtgaattact	540
tttatattat	tttgaaatac	tccttgacgt	atattggcat	gatacagtaa	aagcattttc	600
cacaganttg	gtatcacctt	cttaaaagaa	gncaaaaatt	taaaaaattc	caatagcccc	660
gttggttggt	gtcatattca	ataacatttn	caatgctaca	tataatttta	tagacttata	720
aagaaggtnt	tgaaaaaaaa	aaaannnnnn	nnnnnnnnnn	nngnnnn		767

<210> 3089

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3089

naatncttgg	ctcttgttct	ttntgcagga	tcccatcgat	tcgaattcgg	cacgagaatg	60
caaagggctg	cagttctcat	tcaggctact	ttcaggatgc	acagaacata	tattacattt	120
cagacttggg	aacatgcttc	aattctaatt	cagcaacatt	atcgaacata	tagagctgca	180
aaattgcaaa	gagaaaatta	tatcagacaa	tggcattctg	ctgtgggttat	tcaggctgca	240
tataaaggaa	tgaaagcaag	acaactttta	agggaaaaac	acaaagcttc	tattgtaata	300
caaggcacct	acagaatgta	taggcagtat	tgtttctacc	aaaagcttca	gtgggctaca	360
aaaatcatat	aagaaaaata	tagagcaaat	aaaaagaaac	agaaagtatt	tcaacacaat	420


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gaacttaaga aagagacttg tgttcaggca ggttttcagg acatgaacat aaaaaaacag      480
attcaggaac agcaccaggc tgccattatt attcagaagc attgtaaagc ctttaaaata      540
aggaagcatt atctccacat tagagcacag tagtttctat tcaaagaaga tacagaaaac      600
taactgcagt gcgtcccaag cagttatttg tatcagtcctt attacagagc ttaagtcca      660
aagatatcaa atatgcacgg gctgcacact aatcagtcctt ctatca                      706

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<210> 3090

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3090

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nctctactca gattgcttgg cgntctntnt gcaggatccc atcgattcga attcggcacg      60
agccccactc ggggtatgtg aatgccccagc tggagaagga agtgcccatc ttcacaaagc      120
agcgcattga cttcacccct tccgagcgca ttaccagtct tgcgtctcc agcaatcagc      180
tgtgcatgag cctgggcaag gatacactgc tccgcatgga cttgggcaag gcaaatgagc      240
ccaaccacgt ggagctggga cgtaaggatg acgcaaaagt tcacaagatg ttccttgacc      300
atactggctc tcacctgctg attgccctga gcagcacgga ggtcctctac gtgaaccac      360
ttgagaaggc tgccctcctag gctctgctca gtcactctgc aattgccaca ctgtgaccac      420
gttgacggga gtagagtagc gctgttggcc aggaggtgtc aggtgtgagt gtattctgcc      480
agcttttcat gctgttcttc agagctgcag ttatgccaga ccatcagcct gcctcccagt      540
agaggccctt cacttgga aagtcagaaa tctgacccaa ttcacccctt gcctctagca      600
cctcttctgt cctgtcatc ccacacacgt tctgttccac ctcgagagag agagagagag      660
agcacctttc ttctgtctgn tcacttttgc gggctnttga atnccagctc ttctctntca      720
gaagaagcct tctcttctc tgctttagt gtgtncaaa agt                      763

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<210> 3091

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 3091

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gnntttntn ccttttntt ttcaaatnct tggctacttn ctntttctgc agggatccca      60
tcgattcgaa ttcggcacga ggaggatctg ccttctgagg aagtggatca agagctgatt      120
gaagacagtc agtgggaaga aatactgaag caaccatgcc catcgagta cagtgtatt      180
aaagaagaag atctcgtggg ctgggttgat cctctggatg gaaccaagga atataccgaa      240
ggtcttcttg acaatgtaac agttcttatt ggaattgctt atgaaggaaa agccatagca      300
ggagttatta accagccata ttacaactat gaggcaggac cagatgctgt gttggggagg      360
acaatctggg gagttttagg tttaggcgcc tttgggttct agctgaaaga agtccctgct      420
gggaaacaca ttatcacaac tactcgatcc catagcaaca agttgggttac tgactgtgtt      480
gctgctatga accccgatgc tgtgctgcga gtangaagaa caangaaata agattattca      540
gctgattgaa gcaaaagcct ctgcttattg tatttgccaa gtccctggtt gtagaantgg      600
ggatacttgg tgctccagaa gttantttta catgcttntg ggaaggcaag tttaccgat      660
ttncatgggg aatngttctt tcaantncca ccaaaggatt gttgaaagcc ttattgaact      720
tttgcaaggg anttccttgg ccacaaattt ganggaatta ttgaccttcc tttg                      774

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<210> 3092
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3092

gnnnnnnntt	nnnttttcctt	ttcnaatnct	tggctacttg	nnctttctgc	agggatccca	60
tcgattcgaa	ttcggcacga	ggccatgtga	ggacataggg	agaaagcagc	caccattggc	120
aagccaagag	agagccctca	ccaggaacga	ttggaccagc	accttgatct	tggattttct	180
agcctccaga	acttacagta	cgggtggctg	gcaagatggc	cgaataggaa	gagctccagt	240
ctacagctcc	cgcagagatc	aacgcagaag	gaacagcagt	ctcagcgggt	agcagcacia	300
gagatgattt	acacaatgaa	gaaagtacat	gcactttggg	cttctgtatg	cctgctgctt	360
aatcttgccc	ctgcccctct	taatgctgat	tctgaggaag	atgaagaaca	cacaattatc	420
acagatacgg	agttgccacc	actgaaactt	atgcattcat	tttgtgcatt	caaggcggat	480
gatggcccat	gtaaagcaat	catgaaaaga	tttttcttca	atattttcac	tcgacagtgc	540
gaagaattta	tatatggggg	gatgtgaaag	gaaatcaaga	atcgattttg	aaagtcttgg	600
aagagtgcaa	aaaaatgtgt	acaagagata	atgcaaacag	gattattaaa	gacaacattt	660
gcaaccaagg	aaaagccnag	atttctgctt	tttgggaaga	agantcctgg	atatgtcnag	720
gntatattac	caggtatttt	tataaccatc	agaccaaac			759

<210> 3093
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 3093

tctaattgctt	ggctcttgnt	ctttctgcag	gateccatcg	attcgaattc	ggcacgaggg	60
agatccagat	attcttagac	ctgctgtttg	aacctgtgag	gcattttcaag	aatggagagt	120
gccattctgc	agtcattcaa	gcagtagaag	acttggaatt	gtctaaagtt	cttcctttag	180
gtcgtcagca	cggatatctta	aacagccttg	agatagtatt	gaaaaacatt	agtcattctga	240
tcagcgcata	cctgccgaag	attttgcaga	tactgctctg	tatgacagca	accgtatcac	300
acatccttga	ccaacgagaa	aagatacagc	tgagatttat	taatccattg	aaaaatttaa	360
gacgtcttgg	aatcaaaatg	gtaactgata	tctttttgga	ctgggaatca	tatcagttta	420
gaacagaaga	aattgatgct	gtgtttcatg	gtgcagtttg	gccccagatc	agcaggcttg	480
gatctgagag	tcaatattct	cctactcctc	tgctgaaact	gatcagtatc	tgagacagaa	540
acgcaagata	tttccctttg	ctggctaaac	agaacctggg	caccagaaat	gtgatatcct	600
gaccaatggg	tttttgcaat	tctctcagcc	gaagaatctt	tcttgatgcc	cacagccagt	660
attgtaatgg	gccataagtt	ggatgacctt	tnntaacctt	tccagaattt	cgagccctac	720
cggaaccggg	ttttggat					738

<210> 3094
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 3094

tctaattgctt	ggctcttgnt	ctttctgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
agatccagat	attcttagac	ctgctgtttg	aacctgtgag	gcatttcaag	aatggagagt	120
gccattctgc	agtcattcaa	gcagtagaag	acttggaatt	gtctaaagtt	cttccttttag	180
gtcgtcagca	cggatatctta	aacagccttg	agatagtatt	gaaaaacatt	agtcattctga	240
tcagcgcata	cctgccgaag	attttgcaga	tactgctctg	tatgacagca	accgtatcac	300
acatccttga	ccaacgagaa	aagatacagc	tgagatttat	taatccattg	aaaaatttaa	360
gacgtcttgg	aatcaaaatg	gtaactgata	tcttttttga	ctgggaatca	tatcagttta	420
gaacagaaga	aattgatgct	gtgtttcatg	gtgcagtttg	gccccagatc	agcaggcttg	480
gatctgagag	tcaatattct	cctactcctc	tgctgaaact	gatcagtatc	tgagcagaaa	540
acgcaagata	tttccctttg	ctggctaaac	agaacctggg	caccacagaat	gtgatatact	600
gaccaatggg	tttttgcaat	tctctcagcc	gaagaatctt	tcttgatgcc	cacagccagt	660
attgtaatgg	gccataagtt	ggatgacctt	tnttaacctt	tccagaattt	cgagccctac	720
cggaaaccgg	ttttggat					738

<210> 3095
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 3095

ncttctaata	cttggctatt	tctaatactt	ggctactttc	aaatccttgg	gnantcgctc	60
tctctnecat	atcccatcgn	ttcgaattcg	gcacgaggat	tgtgacatgg	tgtaataaag	120
gtctacatgg	ngtaataaag	gtatacatgg	tgtaataaag	gatgtgggag	cacanatcca	180
taggaatttg	acagtntagg	aattgcttta	ttattcangc	ccttcactct	cagactaccc	240
tgctctatct	gaataatgan	gcttggtgtg	gtctgtggaa	aantngacan	antagaattt	300
ggncagctgc	tgaangncac	ggncctctga	atgagtcac	gtncacctan	ggacagtant	360
nccaaattga	nacnnaaact	ttnagaaaac	caatgtnatg	gggccaagca	attgggnagc	420
taggcccagc	ctnatntttt	agngattttg	aactcaatct	ttaanatact	gnaacagaan	480
gananaaagg	gtgnatatct	gngnaatgac	atncaagatc	tnactgcnet	ctnggctnct	540
anngatggnc	gaaaaantgt	gcncccaagg	tttnncccc	ntatttacca	ccttgcaccc	600
atgccatngt	ngacettaca	nntgnncaaa	aggcccttgc	ccnntgtgan	ancattcccc	660
tggnancttt	cccntaccng	ntgccctctt	taantccttn	attnaaaccc	tggggggtgaa	720
aatcctgana	aatntaantt	aanaatctng	ntaccttttc	cntananaan	aactaacctc	780
nagcccn						787

<210> 3096
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3096

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gntnnnttcn nttcctttcn aatncttggc tactttcnnt ctctgnagga tcccatcgat      60
tcgaattcgg caccgaggag atccagatat tcttaggacc tgctgtttga acctgtgagg      120
catttcaaga atggagagtg ccattctgca gtcattcaag cagtagaaga cttggatttg      180
tctaaagttc ttcccttttag tcgtcagcac ggtatcttaa acagccttga gatagtattg      240
aaaaacatta gtcattctgat cagcgcatac ctgccgaaga ttttgcanat actgctctgt      300
atgacagcaa ccgtatcaca catccttgac caacgagaaa agatacagct gagatttatt      360
aatccattga aaaattttaag acgtcttgga atcaaaatgg taactgatat ctttttggac      420
tgggaaatcat atcagtttag aacagaagaa attgatgctg tgtttcatgg tgcagtttgg      480
ccccagatca gcaggccttg atctgagagt caatattctc ctactcctct gctgaaactg      540
atcagtatct ggagcanaaa cgcangatat ttccctttgc tggctaaaca gaagccctgg      600
gcaccagaa tgtgatatcc tgaccaatgt ttttgcaatt ctctcagccg aaagaatctt      660
tctgatgcn acagccagta tttgtaatgg gacatangtt ggatgacctt ctttaaccct      720
ttccagaatt ncgagcctac nngaaaccag gtttttc      757

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<210> 3097

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 3097

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ctttntgcan gatcccatcg attcgaatcg gcacgaggag ttttttgtga tattgaggca      120
ttcatacaga gctgcagtta gacgggggta cgggggctaa aagcagaaaa aaaattccat      180
ttcatcgga tggaaactgaa ggattttatt ctataaagcg gccctgggtg aatctggcaa      240
ttctttttgc caagatccct agcagaagat ttagccatgt ccttccccctc acttggtgta      300
gtggccccct ctgaatctct ccagcagcca gaggcacgtg agaagcagaa agagctggta      360
aataaagcct tgggcaagcg acttcttaga tcagaactca ccaaatggaa gcctagcagc      420
tgctccataa acctagcccc attcttcata tcaattttgt ataaatatat agaaacacac      480
acacagcctc agacttacia actgattata ctctaaaagt ttgtatgtca gttagctaaa      540
acttcagaat acattttctt cctataaaaag agttttaaat gatgggtaag ttcttcaagg      600
cagntncnca anggcctatt tntncccaa agggccccct gaacnnttng ncccccatan      660
aaactggaac ccncntttt tgntantana nccccntggg ggaagtgncc natttnnggg      720
gggttaaaaa cccggggggg tggccaanaa aaacnacacn ttntttttcc nattcccann      780
cnataangag aagg      794

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<210> 3098

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3098

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atgcttggct cttgntcttt ctgcaggatc ccatcgattc gaattcggca cgagcttcag      60
gaactagatg tatatgcaca agggattgag tttacactaa aactaggaaa tggagttttc      120
aatctatgtt cttgcctctt catactttta tttatttttt gtcactctgc cttatactgg      180
gctaacaatg agataaaaata aaaatacctt tgaatactct tttccctttc atgcatttaa      240
agccatggag gaactagacc attagctgtt gccgtcacat gcttagacac cagtttactt      300

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agcgtgttat	gaccttcctc	acccatacta	ccaaatttaa	atgggtcccg	acttcaccct	360
ctggaaggaa	gtaaactctt	ctctcccat	ggtttcagag	cagtttttac	ctgcaagcac	420
catctctgta	tgtgctctta	ctagattata	cagttcttga	gagggattgc	atcttggtgt	480
ttttgtat	ccacctcacc	cccagcacat	agcccagctc	cttgacaaaa	taaagtactt	540
aatgtgtgtt	gagctaaatt	gaataaagga	ttattagcat	tagcatattt	tgtgccttgg	600
ttgtataagc	tgggtgtntg	ttttggtacc	tttgcaaata	tttatgatta	tcaccccccc	660
acatactaaa	ttgtttttaa	aaggtttgnc	tttncttcag	aatactaccc	cangc	715

<210> 3099

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(886)

<223> n = A,T,C or G

<400> 3099

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cgaattcggc	acgagcagag	ctgtgatctg	ccccaggta	ttctgacccc	caaactggct	120
ctcaaccatg	tttaccatgat	gaaaagaaga	ggtgactgtt	gtatcagctc	taaaggcctc	180
acttttggtg	aaatgggacc	taaatttgat	tgcatacttg	attacttgct	gtcaatactg	240
aaattggcac	ttcataattt	taatactatt	gaactttcac	cataaccctg	tcctataaaag	300
ttgacttgca	aatgaagaaa	ctctatctct	tcaatattat	aaaatatatc	caagagtcac	360
aactagttag	aaaaggacag	gatctaacta	acaatgtgag	gctgtgtctt	cacaccaatt	420
caacagagta	tcttgtaaat	gttgagagga	gangtcttta	ggcatggggg	tgtctttcaa	480
taaagtgtct	tagaaaaacag	gtgacaactg	gaattggggc	cttgagggga	ttgaatngga	540
tttaagccca	gggcaantta	aaattagggg	aaaagcngaa	ttccttcaag	gaaccgggat	600
tttaaaaacc	cagcmttggg	gnaagaaaag	ttggaaaaat	ggagcccaag	ttggntaaag	660
gaacnaattg	gaatanccctg	ggncccatg	gggatttttt	taagaaaaaa	gtggtttnaa	720
aaattgggaa	anttgaaatt	tggggnaatt	naaaancctt	tgggaaaaag	aaattgggnc	780
ctgggggggn	cccccaaggcc	tttnntttng	aaaaagggcc	nttnggggtt	ttnggccttt	840
taanaaatta	aaaggtccca	aaaattggnc	cncnntttng	aaccna		886

<210> 3100

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(886)

<223> n = A,T,C or G

<400> 3100

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ctcaaccatg	tttaccatgat	gaaaagaaga	ggtgactgtt	gtatcagctc	taaaggcctc	180
acttttggtg	aaatgggacc	taaatttgat	tgcatacttg	attacttgct	gtcaatactg	240
aaattggcac	ttcataattt	taatactatt	gaactttcac	cataaccctg	tcctataaaag	300
ttgacttgca	aatgaagaaa	ctctatctct	tcaatattat	aaaatatatc	caagagtcac	360
aactagttag	aaaaggacag	gatctaacta	acaatgtgag	gctgtgtctt	cacaccaatt	420
caacagagta	tcttgtaaat	gttgagagga	gangtcttta	ggcatggggg	tgtctttcaa	480
taaagtgtct	tagaaaaacag	gtgacaactg	gaattggggc	cttgagggga	ttgaatngga	540
tttaagccca	gggcaantta	aaattagggg	aaaagcngaa	ttccttcaag	gaaccgggat	600

tttaaaaacc	cagcanttga	gnaagaaaag	ttggaaaaat	ggagcccaag	ttggntaaag	660
gaacnaattg	gaatanccctg	ggncccatg	gggatttttt	taagaaaaaa	gtgggtttnaa	720
aaattgggaa	anttgaat	tggggnaatt	naaaancctt	tgggaaaaag	aaattgggcc	780
ctgggggggn	ccccaggcc	tttnntttng	aaaaagggcc	nttnggggtt	ttnggccttt	840
taanaaatta	aaaggtccca	aaaattggnc	cncnntttng	aaccna		886

<210> 3101

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3101

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gacgcctggg	aggtggccaa	ggccttcatg	ccccaggac	tagcagacaa	acaaggacct	180
gaggaatgtg	atgcagttgc	tcttttaagt	ctcatcaact	cctgcgatca	cttcgtgggt	240
gatcgaaaga	aagtcacaga	ggtaattaaa	tgtcgtaatg	agatcatgca	ctcttcagag	300
atgaaagtat	cttctacgtg	gcttcgagat	tttcagatga	agatccaaaa	ttttctgaat	360
gaattcaaga	acatcccaga	gattgtggca	gtatactcca	gaatagaaca	gctgttgacg	420
tctgactggg	ctgttcacat	ccccaggaa	gatcagcgag	atgggtgtga	atgtgaaatg	480
ggaacttacc	tgagtgaag	ccaagtcaat	gaaatagaaa	tgcagttact	aaaggagaaa	540
cttcaagaga	tatatcttca	agcagaagaa	caagaggtgt	ttgcctgaag	agctctcaaa	600
tcgactggga	atggtgaang	aatttctgag	aaacatgaag	gatcttagaa	atgggcttta	660
cngaagatat	gccagaaact	ngacagcctt	tgtcttcctt	caaaaactgg	attcacaagg	720
aacctgggag	acaaacnt					738

<210> 3102

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3102

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aaaacagtaa	catttccaaa	aaccgatgaa	ccccaccctg	tccaaggaa	tgattgggtat	180
gtatgtgaag	ttcattttct	gacaaaaata	attacgttcc	acttaggatg	cacaaccatg	240
ctgtcctgta	gagaagtcac	aagttttgtg	agaattttta	aactgatgat	gtttatttcc	300
atggtaacat	gagtatacat	tttaccttct	attgtagtga	tgaatcacia	ttagtctttt	360
tttatagggt	ggtggaaaag	taattgctgt	tttgccattg	cttttaattg	caaccacaac	420
tacttttgca	ccaacctaat	atttattaag	actttacttt	tttgagacca	atctctgaaa	480
ttgggattca	tggtgagagt	ctctaaggtc	cctgataatt	tgtcgcattt	gttgntgntt	540
tttgagaaat	atctcatcac	tactcaaatg	atggctcctc	ggtctgggtg	aagcttcgta	600
agctttgaaa	gccagataac	cagggtttca	gacaagtcta	gagccangtc	aggatatcaa	660
taagaccac	aggatgtagg	gcttgccctgc	tanggagaca	tttagcttat	cttcccggca	720
aaaaaggctt	gtncctccc					738

<210> 3103
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 3103
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 cgagcccaaa tccaggagaa aatgcagctg tataatatta ctttacctcc actatgctgt 180
 tgtggctctg atttttggga tgcctcctct gatacctgtg ccaacaactg tattttctat 240
 aaaaaccaca gagcatatac tcgggcacta cattcattca tcaattcctg tgatgtccct 300
 gggggtaatt caactcttcg agtcgcaatt cataattttg cttctgcaca caggcggact 360
 ttgaaaaatc tataataaga atctgaaatt aactggtagt attttggtt ttacttaaaa 420
 tcatccctga gagagtattt aagaaaagct gttcaagtta taaaatatat aatctggaaa 480
 gaaatactgt ctcatataat aattagattg taatcattgn tttaatctct gtctgggaac 540
 caagattgaa agctgactta cttctctctt ctgncttgtg aaccatacgg agcctattat 600
 tttaaaatat gatcagacaa gtaaggcttc tcttactttg ctctgctctg atcagaagag 660
 ctcatgtgaa gtcttttgaga ttctcttaat tatcatcttc tnaaactggg ttttgagctt 720
 gacagtnctg aaaaagt 737

<210> 3104
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3104
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 tcgaattcgg cagcagggag atccagatat tcttaggacc tgctgtttga acctgtgagg 120
 catttcaaga atggagagtg ccattctgca gtcattcaag cagtagaaga cttggatttg 180
 tctaaagttc ttccttttagg tcgtcagcac ggtatcttaa acagccttga gatagtattg 240
 aaaaacatta gtcattctgat cagcgcatac ctgccgaaga ttttgcanat actgctctgt 300
 atgacagcaa ccgtatcaca catccttgac caacgagaaa agatacagct gagatttatt 360
 aatccattga aaaatttaag acgtcttgga atcaaaatgg taactgatat ctttttggac 420
 tgggaatcat atcagtttag aacagaagaa attgatgctg tgtttcatgg tgcagtttgg 480
 cccagatca gcaggcttgg atctgagagt caatattctc ctactcctct gctgaaactg 540
 atcagtatct ggagcanaaa cgcangatat ttccctttgc tggctaaaca gaagccctgg 600
 gcacccagaa tgtgatatcc tgaccaatgt ttttgcaatt ctctcagccg aaagaatctt 660
 tctgatgccn acagccagta tttgtaatgg gacatangtt ggatgacctt ctttaaccct 720
 ttccagaatt ncgagcctac nngaaaccag gtttttc 757

<210> 3105
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3105

ttcaaatacnc	ttgctactttt	cnaatcgctt	ggctactcgn	tctttctgca	ggatcccac	60
gatgtcggaa	ttcggcacga	gangtgtncc	nactgtgccc	tctgctngnc	netgctccna	120
actntaacnc	anttgcnttt	ggtgnacang	tcacctgcgt	gtttaaaatn	tccttttgta	180
atgtatcng	aatgtgccga	gaacatatga	aantggntgn	caatgganat	ggaangggct	240
ttattctcac	ttaanagagc	cctgggagga	ataaggtttt	atctggatca	ggtatccaat	300
tgcattggat	aaacgtggcc	tgaggcatga	taaaatntna	naacacaata	ataagcctcc	360
tggngacatc	tctgnncctt	ttatagtcct	tcantctggt	tgtttgcaang	gtgcangatg	420
ggtgaccacc	tgacgtgctt	atgtggtcag	taagttatct	gaatanggtc	tntctanacc	480
ccctagaatt	tgtggagctn	ggttgcatca	taggaaatgc	aagctgtgct	gnggttcaca	540
agctaggaga	ggagaatggg	ttggatgtgc	acctggctct	gcaggaagcc	catcttaggt	600
tannncctga	aggataaaga	anctggccac	tggaatggtt	gggaaaaggc	tntnnganct	660
tcccatgccc	aaccttggn	ctttttnggg	tatnatngtg	ccngncctt	gaacngcttt	720
tttaantctg	acaaanatac	aggganttt				749

<210> 3106
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 3106

tgagttcaat	gttggcnttg	cnaatnctgn	ctgtncncn	nttgcggtt	aaccagnctn	60
ncgattgagg	antaaaggct	atngatggct	agaanctgan	tgacgttngg	aatccacccc	120
gttnattgta	gaactggggg	ttcagagggc	aggtgcctca	gagttgaggc	cacacagtga	180
ggtctgggtg	gtgaaaggac	ccaggaacga	ggcgttcang	aaagcagggt	gtcagagcta	240
tgtggagtct	gtgggtggca	ngggcagccg	ctccagcctt	tgaagacttt	gaaagccaca	300
gattcctggc	gcaggcttgg	acttntctgg	agctcctcca	agtacccann	ggcatcanan	360
ctgcctgggt	gttacatggc	ccanngaacc	catgttcang	gtaggacatg	catnaccaga	420
tacccaatgt	gcanagtga	nacactgggc	tcctgttaa	acgatgaaga	attcangaca	480
gtgacagcat	tacntnacc	ctggggacaa	gaggtcagcc	taaggtgaca	cacggttgac	540
tactgtgctt	cggaggctcc	ctgtgtcctg	gnngaagaaa	agcattnnag	ggggcagctg	600
gaccangctc	ccaactgcag	aagttccagc	cctggcttgg	gcaaggggcc	cggnccttgg	660
actcacnatt	nnctgatatg	ccttaagnaa	ttcattctgg	tttgnacaat	ttnttttttt	720
aaaaan						726

<210> 3107
 <211> 907
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(907)
 <223> n = A,T,C or G

<400> 3107

gttnaatent	tggcattttn	anacgctng	ncganccgat	cgattnga	nnngcacgag	60
------------	------------	-----------	------------	----------	------------	----

gcagctgaaa	gangatctgt	ccagcntcat	cctcctatca	gaggaggacc	tccagatgct	120
tgttgacgct	ccctgctcag	acctggctca	ggaactacgt	canagttgtg	ccaccgtcca	180
gcggctgcag	nacacactnc	aacagggtgt	tgaccaaana	naggaantgc	gtcagtccaa	240
gcagctcctg	cagctgtacc	tccaggcttt	gganaaaagag	ggcaatnctc	tngtcaaagc	300
angaagagtc	caaagctgcc	tttggtgagg	aggnggatgc	antagacacn	gggnatcagc	360
atgagagacc	tgctaagacg	ttgcgcttgg	cngagccnca	tccttactgc	acttgnaggg	420
agaagcaggc	tncanaagct	gtngcttata	taatacaggn	attncggagt	tgggttacct	480
aaaggnanna	cccccaaan	cacttgnctt	gtatggnttt	ggaacctggg	gacantnaaa	540
gaatnaccgg	gacacctggt	tcanaagaa	gcccttgtna	gtcagtttan	ccttnggnan	600
cttgcnact	ntgccaat	aannaacnnc	cnataancct	ttggcaannt	tcntcccttt	660
ccngntaagg	ncaatatttn	nanaccanag	gcccaaagg	nncccccttca	acccaaancc	720
tttgggggtt	gaaccncttg	ggcnaanaaa	aatnccccct	taaagtcncg	atntgncccc	780
aaggnaaccg	ggggaattct	ccccananta	tttngtccnn	tacnnannat	ctnnggttaa	840
actntgnacg	ccccanaagg	ggaaaantct	tctnttttgn	gggctccnaa	nttntatggg	900
ttaannnn						907

<210> 3108

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 3108

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gaatcgagt	tttggccaca	gttcgggacc	tatggtagaa	aaatactcag	tagctaccca	120
gattgtaatg	gggtggcgta	ctggctgggtg	tgaggatttt	ctgttccaga	aagttggaaa	180
acttgacgca	actgcagtag	gtgggtggctt	tcttcttctt	cagattgcta	gtcatagtgg	240
ctatgtgcag	attgactgga	agagagttga	aaaagatgta	aataaagcaa	aaagacagat	300
taagaaacga	gcgaacaaag	cagcacctga	aatcaacaat	ttaattgaag	aagcaacaga	360
atztatcaag	cagaacattg	tgatatccag	tggattttgtg	ggaggctttt	tgctcggact	420
tgcatcttaa	ggacatgaat	attctcccat	aacggattca	actatgagaa	gagaagtggc	480
agcaataagg	cagtctctca	aaagtcatat	tgccagagtc	tctagggcaa	ggagaaacaa	540
ctagctggac	aatactcaat	tcacaactta	gcattttgcc	atctgaagct	tggcaaacta	600
gtatctgctg	taaaacaacc	tatatgggtat	gtgaaccgta	gtattcctga	gcaaaacgtg	660
gctttcatcg	ctttgtaaaa	atttggcatc	tgtttagaaa	ctagcctata	aaata	715

<210> 3109

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 3109

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gaatcgagt	tttggccaca	gttcgggacc	tatggtagaa	aaatactcag	tagctaccca	120
gattgtaatg	gggtggcgta	ctggctgggtg	tgaggatttt	ctgttccaga	aagttggaaa	180
acttgacgca	actgcagtag	gtgggtggctt	tcttcttctt	cagattgcta	gtcatagtgg	240
ctatgtgcag	attgactgga	agagagttga	aaaagatgta	aataaagcaa	aaagacagat	300

taagaaacga	gcgaacaaag	cagcacctga	aatcaacaat	ttaattgaag	aagcaacaga	360
atztatcaag	cagaacattg	tgatatccag	tggattttgtg	ggaggctttt	tgctcggact	420
tgcattcttaa	ggacatgaat	attctcccat	aacggattca	actatgagaa	gagaagtggc	480
agcaataagg	cagtctctca	aaagtcatac	tgccagagtc	tctagggcaa	ggagaaacaa	540
ctagctggac	aataactcaat	tcacaactta	gcattttgcc	atctgaagct	tggaacaaacta	600
gtatctgctg	taaaacaacc	tatatggtat	gtgaaccgta	gtattcctga	gcaaaacgtg	660
gctttcatcg	ctttgtaaaa	atttggcatc	tgttttagaaa	ctagcctata	aaata	715

<210> 3110

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 3110

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aacctcaggg	ctgtcagagc	agattgatgg	gagcgctttg	tcctgctttt	ccacacacca	180
gaacaattcc	ttgctgaatg	tatttgcaga	tcaacctaat	aaaagtgatg	caaccaatta	240
tgctagccac	tctcctcctg	taaaacagggc	cttaacgccca	gctgctactc	taagtgtctgt	300
tcagaattta	gtggttgaag	gactgcgatg	tgtagttttg	ccagaagatc	tttgccacaa	360
attnctgcaa	ctggcanaan	ctaatacagt	gagaggaata	gaaacctgtg	gaatactctg	420
tggaacaaactg	acacataatg	aatttactat	tacctatgta	attgtgccaa	agcagtctgc	480
gggaccagac	tattgtgaca	tggaanaatgt	tnaggaatta	ttcaatgttc	aggatcaaca	540
tgatctcctc	acttctaggg	atggatccat	acacatccta	ctcaaaactgc	atttttatcc	600
anccgtttgat	ctttacactc	actgnncctt	atcaacttat	gttgccaaga	agccnattgg	660
ccatttnttg	gtccacacaaa	agcntaaaaga	cactggcctt	cttangetta	ccaatgcttg	720
gnttgcttgn						730

<210> 3111

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3111

ncttctaata	cttggctatt	tctaatactt	ggctactttc	aaatccttgg	gnantcgtctc	60
tctctnecat	atcccatcgn	ttcgaattcg	gcacgaggat	tgtgacatgg	tgtaataaaag	120
gtctacatgg	ngtaataaaag	gtatacatgg	tgtaataaaag	gatgtggggag	cacanatcca	180
taggaatttg	acagtntagg	aattgcttta	ttattcangc	ccttcactct	cagactaccc	240
tgctctattt	gaataatgan	gcttgtgggtg	gtctgtggaa	aantngacan	antagaatth	300
ggncagctgc	tgaangncac	ggncctctgga	atgagtcac	gtnccectan	ggacagtant	360
nccaaattga	nacnnaaact	tnagaaaac	caatgtnatg	gggccaagca	attgggnagc	420
taggcccagac	ctnatntttt	agngattttg	aactcaatct	ttaanatcct	gnaacagaan	480
gananaaaagg	gtgnatattc	gngnaatgac	atncaagatc	tnactgcnet	ctnggctnet	540
anngatggnc	gaaaaantgt	gcncccaagg	tttnncccc	ntatttacca	ccttgcatcc	600
atgccatngt	ngaccttaca	nntgnncaaa	aggcccttgc	ccnntgtgan	ancattcccc	660
tggnancttt	cccntacng	ntgccctctt	taantccttn	attnaaaccc	tgggggtgaa	720

aatcctgana aatntaantt aanaatctng ntaccttttc cntananaan aactaacctc 780
nagcccn 787

<210> 3112

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 3112

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ttcgaattcg	gcacgagatt	tgtaccaact	gtaccatctg	cttgtnctg	ctccaaactt	120
ttaccactt	gcttttggtg	aagaggctac	ctgcgtattt	aaaatatact	tttgtaatgn	180
atttgggaaa	gtgccaaagaa	cntntnnaaa	tgggtggnaa	ttgaaattga	aagggcnttt	240
aattttcntt	aanaaanacc	ctnggaggng	anataagggt	tttatctggn	atcagggntt	300
ccaatggcat	tgntatanac	gtggcnctgg	ggcagggata	aaatttaaaa	aacncaatan	360
taagcctcct	ggtgacatct	ctgccctttt	atagtccttn	atctggcttg	tttgcagggg	420
gcaagatggg	tnaccacctg	acgtncctat	gtggtcanna	tggtatcaaa	aggggntttt	480
ctctangacc	ccctanaatt	tgtggagctg	ggttgatatca	taggaaaatg	caagctgtgc	540
tggtgtacac	agctagagag	ganaatgggt	tggatgnnca	cctgctntgc	angangccna	600
tctcagttat	tgtcgangat	aaaaagctng	ccttggaatg	gaanggaaag	gctnnangaa	660
cttcccatgc	nacctggccc	tttttgggta	tggncgggtg	ccaaaacctg	ancttgtnnt	720
tacccngac	aaaggngggg	ggtttt				746

<210> 3113

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3113

gntttnncct	tttcantnct	tggctctcgn	cttntnctcag	gatccctcga	ttcgaattcg	60
gcacgaggtc	tagtataatc	ttgatgctca	aaccagataa	ggacaataca	agaaaggaag	120
agtataggct	aattctaccc	aataactaaa	tgaagtatta	gcaaaccaga	ttcatcaata	180
atctttttaa	aatcaagaat	taattggatt	taggaatata	acactgtgta	taacaagttt	240
aagagaaata	tatgagaatg	ataagactgc	aattgaaagt	agaggctttc	tctggaggga	300
aagggtgagga	ggatgtgatt	tggaagaaca	gcatggggag	gcatcagttg	tattgtaatg	360
tttatTTTTT	aagctgaatg	ataggtacgt	agatgttcat	tgtgttcttt	ttgcctTTTT	420
gtatatctta	aatatatggg	agtgccatga	ttagcaggct	taatagcctt	gtgagtttaa	480
atgtcacttt	caaatgctgt	atTTTTTggtg	gagttgctta	aacacattcc	ccttggnatc	540
tatacaacca	gttaaaaaaa	atcatgtata	naccacccat	tgaaaatata	atggaaatgt	600
actgnatatg	ccattttcat	gaaatgggtg	tgtcaaaggg	gcttnttagg	aaaaaaaaag	660
atcgtttaac	tctttttgca	tttaagtggg	aaataagggtg	ggctttngga	aatagtttca	720
acccttgctt	aaccagtttt	ttttttcatg	cttnn			755

<210> 3114

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3114

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actntaacnc	anttgcnttt	ggtgnacang	tcacctgcgt	gtttaaaatn	tccttttgta	180
atgtatcgng	aatgtgccga	gaacatatga	aantggntgn	caatgganat	ggaangggct	240
ttattctcac	ttaanagagc	cctgggagga	ataaggtttt	atctggatca	ggtatccaat	300
tgcattggat	aaacgtggcc	tgaggcatga	taaaatntna	naacacaata	ataagcctcc	360
tggngacatc	tctgnncctt	ttatagtccc	tcantgggct	tgtttgcan	gtgcangatg	420
ggtgaccacc	tgacgtgctt	atgtggtcag	taagttatct	gaatanggtc	tntctanacc	480
ccctagaatt	tgtggagctn	ggttgcatca	taggaaatgc	aagctgtgct	gnggttcaca	540
agctaggaga	ggagaatggg	ttggatgtgc	acctggctct	gcaggaagcc	catcttaggt	600
tannncctga	aggataaaga	anctggccac	tggaaatggt	gggaaaaggc	tntnnganct	660
tcccatgccc	aaccttggn	cttttnggg	tatnatngtg	cccngncctt	gaacngcttt	720
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<210> 3115

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3115

ttnaancctt	tccccctt	aaatnncttg	gctactngnt	ctttctgcag	gatcccatcg	60
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ttatgaaatt	cagataattt	gtgagaggct	ggcatggatc	taaggattta	ttatttttat	180
tctagtccat	cagttcagtc	gcagttttta	tactaggact	ttaggatgta	cataaatgtg	240
tgactgtttg	tcttgattaa	aagtgcactt	tggcctgggc	atggtggctc	atgcctataa	300
tcccagcact	ttgggaggcc	aaggcgggtg	gctcacttga	ggctaggagt	tcaagactag	360
cgtggccaac	atgaggaaac	cctgtctcta	ctaaaaatac	aaaaattagc	tgggtgtgtt	420
ggtgcatgct	tataatccca	gctacttggg	aggctgaggc	aggagaatcg	cttgaaccca	480
ggagggtggag	gtttgcagtg	agcccagat	tatgccactg	tactccancc	gtgggtgaca	540
gaatgagact	ctgtctcaaa	ttaaaaaaaa	taaaaaaaaa	atTTTTTTTT	tttaaaagta	600
cccctttgnt	ggctggggca	cggcgactna	cgctgtaat	nccagcacat	tggggaggcc	660
aaggcagggc	agatcaccaa	ggttagggag	ttccanacca	gccttgcca	acatgggnga	720
aacccctgcn	tttactggaa	aann				744

<210> 3116

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3116

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gggatcccat	cgattcgaat	tcggcacgag	acaaggtgct	ggcagtgaag	tgggggcaga	120
ctgagcctgt	gtagtgaagt	gtcttgagga	acgtcagctg	tatcttttag	gaaacccaaa	180
ctgcatagac	attgaaccca	ggcagaaggt	catgaagtca	gagctaagaa	atgctagtgg	240
ggataggggg	tgagatagag	ttgggaaatg	tttcagagct	acaggtgaca	gttgttgggtg	300
tccagttgga	tatgtacat	gaagggaaga	agcagtcaga	gtgggcacca	agctttctag	360
cctggaggac	tgaatggttc	tgtgcacatt	tcagatggaa	agaatagagg	cccacagaaa	420
gttaatgaga	tgcattttat	acataccagt	tttgaatttt	aaggacctgt	ggggtagata	480
tccaagatgg	ctattcccag	taattttgtat	ttatatcttg	ctacatcgca	gaaaggattt	540
gaagcttgct	aacacacata	agatataaga	attaaaaatag	gctggaccnt	gggaacctca	600
cacctgtaat	nccagcattt	ttggggaagg	ccnaagccgg	gttggatcac	tttgaaggtc	660
aagaantttc	cagaccaccc	tggccaacat	tggtnaaaac	ccccattcct	tattaaaaac	720
ttccaaaaat	tancaaagggt	gtggttggtnc	cttnccnta	atcca		765

<210> 3117

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (830)

<223> n = A,T,C or G

<400> 3117

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ctaccaatgg	nnnttgccc	nncgangata	nggatctcg	ccacatggag	gttttgggnc	180
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ttntgccaan	gggcactcan	tnatgcctat	actatnnngc	nnacancata	acgnnnnnct	300
cncnnnatgn	cttnacatt	ncncaatcat	tnatgcntaca	gtatnatgca	tgatangcaa	360
gtagtactg	cntagtgaga	tanggacngg	atctnccnta	caatgtnang	ctgaanntnn	420
acacnnatgc	nacanactan	cntggnaatg	ggtataggac	angtnnnntta	gntcatgnnt	480
gactatgnan	nagtgcnnntn	gngannatgn	gatanntgan	cnnnncttga	agnttnaatg	540
gatgnatcca	gcnnatngna	atnngnnaa	cctcntacta	caagactgan	ataaatgnan	600
ttttgacgat	aatgctnaat	aatgnatcta	anatgnaant	taccatgttg	gnaaaccttg	660
gcccattgngc	anaatttnan	aaaagggttt	ggaaaattgg	aaatggattg	ngtagcaatt	720
aaagcttttn	tacccttang	ngcccnntga	cctcncnngg	gnattganat	naantgnntt	780
ccggaatttg	gcctctgant	attttngctt	ataaatccnn	nttgnccagn		830

<210> 3118

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (738)

<223> n = A,T,C or G

<400> 3118

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actcagagaa	tactatcgat	tgctctctgt	tttacattct	cagctacaac	tagaggatga	180
ccagggtgtg	aatttgggac	ttgagagtag	tttaacactt	cggcgccctc	tgggttggac	240

ctatgatccc	aaaatacgac	tgaagaccct	tgcggcccta	gtggaccact	gccaaggaag	300
gaaaggaggt	gagctggcct	cagctgtcca	cgcctacaca	aaaacaggag	acccgtacat	360
gcggtctctg	gtgcagcaca	tcttcagcct	cgtgtctcat	cctgttttga	gcttcctgta	420
ccgctggata	tatgatgggg	agcttgagga	cacttaccac	gaattttttg	tagcattcag	480
atccaacagt	taaaacagat	cgactgtggc	accgacaagt	atactttgag	gaaaatcgat	540
gattncttcg	tttatgaacg	atggatcaag	tctangaaaag	gtccttttga	taggaaaatc	600
aattaaattt	cttgcccaag	gtttggccat	gatcagactt	cccacnttca	aaaganggat	660
nagcttggtg	aaccaanttc	ttgcagangt	caccccaagg	aatgcttgna	anacctnttt	720
cccananctt	tggnaaat					738

<210> 3119

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 3119

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ttcatacaga	gctgcagtta	gacgggggta	cggggggctaa	aagcagaaaa	aaaattccat	180
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gtggccccct	ctgaatctct	ccagcagcca	gaggcacgtg	agaagcagaa	agagctggta	360
aataaagcct	tgggcaagcg	acttcttaga	tcagaactca	ccaaatggaa	gcctagcagc	420
tgctccataa	acctagcccc	attcttcata	tcaattttgt	ataaatatat	agaaacacac	480
acacagcctc	agacttacaa	actgattata	ctctaaaagt	ttgtatgtca	gttagctaaa	540
acttcagaat	acattttctt	cctataaaag	agttttaaat	gatggttaag	ttcttcaagg	600
cagntnncna	anggcctatt	tntncccaaa	agggccccct	gaacnnttng	ncccccatan	660
aaactggaac	ccnccntttt	tgntantana	nccccntggg	ggaagtgncc	natttnnggg	720
gggttaaaaa	cccggggggg	tggccaanaa	aaacnacacn	ttntttttcc	nattcccann	780
cnataangag	aagg					794

<210> 3120

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 3120

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ttaccactt	gcttttggtg	aagaggtcac	ctgcgtat	aaaatatact	tttgtaatgn	180
atttgggaaa	gtgccaaagaa	cntntnnaaa	tgggtggnaa	ttgaaattga	aagggcnttt	240
aattttcntt	aanaaanacc	ctnggaggng	anataagggt	tttatctggn	atcagggtnt	300
ccaatggcat	tgntatanac	gtggcnctgg	ggcagggata	aaatttaaaa	aacncaatan	360
taagcctcct	ggtgacatct	ctgccctttt	atagtcctn	atctggcttg	tttgagggn	420
gcaagatggg	tnaccacctg	acgtncctat	gtggtcanna	tggtatcaaa	aggggntttt	480
ctctangacc	ccctanaatt	tgtggagctg	ggttgatca	taggaaaatg	caagctgtgc	540

tggtgtacac	agctagagag	ganaatgggt	tggatgnnca	cctgctntgc	angangccna	600
tctcagttat	tgctgangat	aaaaagctng	ccttggaatg	gaanggaaag	gctnnangaa	660
cttcccatgc	nacctggccc	tttttgggta	tggncgggtg	ccaaaacctg	ancttgttnt	720
tacccngac	aaaggngggg	ggtttt				746

<210> 3121

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3121

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tgatgagcct	tattaactat	cttttcatta	tgagacaaag	gttctgatta	tgccctactgg	120
ttgaaatfff	ttaatctagt	caagaaggaa	aatttgatga	ggaagggaag	aatggatata	180
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taagttcaaa	tatagatgag	ttgactggta	gatttggtgg	tagttgcttt	ctcgggatata	300
aagaagcaaa	atcaactgct	acaagtaaag	aggggatggg	gaagggtgtg	cacattttaa	360
gagagaaagt	gtgaaaaagc	ctaattgtgg	gaatgcacag	gtttcaccag	atcagatgat	420
gtctggttat	tctgtaaatt	atagttctta	tcccagaaat	tactgccttc	accatcccta	480
atatcttcta	atnggtatca	tataatgacc	cactcttctt	atgntatccc	aaacagttat	540
tgtggcattt	aataatggaa	tgtncatggg	aattttccca	ctggccttac	ctttctgncc	600
ttggggaagc	ttaaactctg	gaatcttctc	aatctgtaaa	atggggaatt	aaaagtatct	660
acctaatga	gttgggaatg	nanntgaaaa	gaaaggccat	ttttntaaa	tcttgggaatt	720
tagccaagcc	cacntccgat	tttatggccc	tttcccatng	ccctggantg	nnn	773

<210> 3122

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3122

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gtttgtttgt	ttttgagacg	gagtctcact	ctgttaccca	ggttggagtg	cagtggcctg	180
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tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	attttttagca	300
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ggagtgtttt	gagaatggct	aagagaagat	aggttgaata	gctatgccta	catgtcacta	480
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caatggcatg	agtataggaa	gataaacggg	gaatgttttg	aagtaataaa	aaaattccat	600
tcataaagaa	gaacaacatg	tattaagctt	tgtgcaccaa	acaacacaaa	cagggaagac	660
acataaggca	anaagctttt	agnaaaaaaa	nnntnctnnn	nnannntaat	aaaaaactnn	720
ggncctttng	aactntaggn	gagnccgnnt	ttaccgtana	atccaganct	gaata	775

<210> 3123

<211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 3123

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gtttgtttgt	ttttgagacg	gagtctcact	ctgttaccca	ggttggagtg	cagtggcctg	180
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tgagtagctg	gggctacaga	cgtgtaccac	cacacctggc	tactttttgt	attttttagca	300
gagaggggat	ttcgccatgt	tggtcaggct	ggttttgaac	tcttgacctc	aggtgatctg	360
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ggagtgtttt	gagaatggct	aagagaagat	aggttgaata	gctatgccta	catgtcacta	480
attaacatct	cagagatctc	tgctacaggt	tgtccgtcct	cattttgtct	aatatttttc	540
caatggcatg	agtataggaa	gataaacggg	gaatgttttg	aagtaataaa	aaaattccat	600
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acataaggca	anaagctttt	agnaaaaaaaa	nnntnctnn	nnannntaat	aaaaaactnn	720
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<210> 3124
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 3124

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gggtgtctta	gctaaacaac	agacacatgt	aagaaaacac	cagtttgatc	atggagagct	180
ggtttaccat	gcattgcaat	tgtttagcata	tacagccctt	ggtattttaa	ttatgagact	240
aaaactcttc	ttgacaccac	acatgtgtgt	tatggcatca	ctgatctgct	caagacagct	300
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gcaatttgcc	ccaagaagaa	cttatagaat	ggatcaaata	tagtactaaa	ccagatgcag	480
tgtttgcnng	tgccatgccc	acgatggcaa	gtgttaagct	ctctgcactt	cggcccattg	540
tgaatcatcc	acattatgaa	gacgcattgct	tganagcccn	aacaaaaaat	angttttact	600
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aaaggatccn	aagcccctgg	tttgcangtt	tgccctggaa	antttggggg	atgttnggaa	780
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<210> 3125
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3125

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ggtagacaga	ctgttttttag	taagggttttg	ttttttggtg	aataccatgt	ttgggctgtc	180
agacttactt	ttcccctgag	atccatattt	tgtacatgac	ataccagata	tatgcaatat	240
gaaacggaaa	cagttttttca	atctaataatc	caggagtttg	tgtaataatc	ttgtgaactt	300
gtggctcttg	gtatctggca	ttgataaggc	tgtctactaa	tcctagagaa	agggaagtag	360
actccgtttt	aaagtctagt	ccagtccttat	tcttttagttc	atagaaatgg	tctaagttaa	420
tgatagactc	cgcacttatg	ttcagaaagc	atcatcatta	cagctttggt	gaagggactt	480
ctgagtaang	attatgtttg	cgtctcctgt	tggtggaagg	cccatgaagc	gtaatttcct	540
nctcaccatg	ggcttcttta	ttattgntga	gttttttcata	ctcanggatg	tgaattcaac	600
cttgggtgtt	ccagttcaga	gaaaatattt	catgaaagga	tgaagtgttg	gttcaattct	660
aggaccagna	ttgagtggca	ttatattcca	gangtcctta	tgggaaatgc	tgggatttat	720
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<210> 3126
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 3126

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ccccatcacg	gtcaagtaca	cagagagacg	gnagcccgtt	gtacagattc	atcaccacga	180
tctgtgccat	cattggcggg	accttnaccg	ncgcccggcat	nctggactca	tgcactttca	240
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ctaattggccg	angaccctgg	gcacgcgccag	ccttgccctcc	agtgcctgt	ntnctttggc	360
cctcaatctg	gncccaaatac	tggctgtgtc	ccaaagggtg	tgtgggaagt	gggggggaaag	420
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tacactgcct	gaagttgcan	ttcccctttt	cctgggggagc	ccnaagaaca	gagtcnnggc	540
anggggtggg	gagtcacagg	atcttggggg	acccctccta	aggagaagct	tgcagtctct	600
tcntaagggg	gaacatccca	gaatgcatta	tcgantcagc	ttnttaagcc	caggctttan	660
acaaattctt	nnnagnnccc	caattagggt	nggacaccat	ttaaataaat	ttgggtttac	720
ttcccctggg	ggcaagncca	anccttgccc	ccanaaggct	acncanaaac	cctggggggct	780
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<210> 3127
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 3127

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catccccaac ccagcatgta tagagagcat ccataccttac atccagctga cccatgcccc      180
tgctcctccc tgtggctgga ggttcaacaa taacataagt ctcttctttg ccctccagat      240
atttctccct cgagtggctg ggaaacttgg caagagacca gaggacccaa atgcagaccc      300
ttcaagttag gccaaggcaa tggctgtgcc ctatcttctg agaagaaagt tcagtaattc      360
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tttcccttca ccacagccat cctgtccctt cattggctct gggctttcca ctatacacag      600
tcaccgtcca atgagaaaca agaaggagca cccttcacat ngactccaac tgcaagttgg      660
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<210> 3128

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 3128

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ntgcttcctc tncnnaaccc tttggnaact ncctctttnt gcaggatccc atcgattcga      60
aaatatTTTta gtataagcaa ttggctgtga tgctcaaatt tattgcatcc tcttattgaa      120
tttgccaatt tgtaattttt gcataataaa gaaccaaagg tgtaatgttt tgttgagagg      180
tggtttaggg attttggccc taaccaatac attgaatgta tgatgactat ttgggaggac      240
acatttatgt acccagaggc cccactaat aagtggtaact atggttactt ccttgtgtac      300
atttctctta aaagtgatat tatactgttt tgtatgagaa acccagtaac caataaaatg      360
accgcatatt cctgactaaa cgtagtaagg aaaatgcaca ctttgTTTTt acttttccgt      420
ttcattctaa aggtagttaa gatgaaattt atatgaaagc atttttatca caaaataaaa      480
aaggtttgcc aagctcagtg gtgttgnatt ttttattttc caatactgca tccatggcct      540
ggcagtgtta cctcatgatg tcataatntg ctgagagaag caaattttct ttcttttctg      600
aatcccacaa agcctagcac caaacttcct ttttcttcc ttttaattaag atcataaata      660
aatgatcct gggggaaaaa ngcatctgtc aaaataggga aaacattccc aaaactggag      720
ccactcttct tgtgcaccta anccatagct tggtgaccaa acaagatngg ttgcttcaag      780
gn                                     782

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<210> 3129

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1407)

<223> n = A,T,C or G

<400> 3129

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acnnnacnnn gnaagnnacn ngaanannng naanngacna anngnanagn gnaananaag      60
gngggggnga gaccnccagn nggngnccan naaccccntg ggnaaanngc cnananngca      120
ggaacccanc gnangnaaan nnggnannga ggcagagnac ccgcaggaan cnnnaacann      180
gannacagggc aggaaacnna caaaaaggag ganngngaaa acaaanacan acagngaggc      240
caaagnaaaa aacatcagna nncgcnnana cagnncangn annccaagga anaanaaggg      300

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aagganaaac	aagnngnnna	aaagaacaaa	ggagngaang	ccananangc	nnagcnaann	360
naaacaaana	cggggganaa	ggcganaanc	nacngnanna	nngcaannag	aangaannan	420
acgnnngacg	gcgannagna	nggacagcgn	agannnnann	nnnnnaggan	nnnagnacan	480
agnnnacgan	cggcacanan	ggcgganana	gnnnngancac	angacacaan	acanacacga	540
ncaggcnng	annanacacg	gaagcaaagn	agaagngcag	aaagananna	gaancancnc	600
cgagaggcan	agncacagna	gnnanngcan	agnncnanna	gnanagna	agcgacagag	660
nnncgaagcn	gagnaacaca	caangaaanc	agannacgag	nagacggang	aaaggggaaga	720
caaagagaga	ggngangaaan	gaaagaaaca	gagagngcag	aagacncnng	agagaagaga	780
gacagnagna	ngagancncg	cnnacngana	nganaagaca	nagaaanaga	gngcgagag	840
acnanaggga	gcgaacgcag	anangagaan	agacngaana	aagaggagca	aannnnnagnn	900
ngaannncac	gaggacagan	cncaacaagn	ncnnaggcan	acgaaaaanan	acaggacgag	960
gangnnacan	agcgcganna	gncncannng	agcgcgaaacg	aggannanag	agaacagcga	1020
nagaganngg	aagggcgagac	anaggnaaaa	ggggganaca	cacgagangc	gacacaggan	1080
aanngcgagg	acggacnggg	nggggagaga	aaacnggcga	ncnggnaagg	agaagnanna	1140
aggagaggan	nagacgcagc	nagananang	nagnanngaa	agcacannga	cggaacangn	1200
ngcacgagca	ggcanacnaa	anaaganggn	angaaggaan	agannncaag	ngangaaacn	1260
gaaagaggna	aagnncncgan	gagngnacca	gacgcagaan	nnngnagcaca	agagaacnga	1320
gagagancga	naggagaagg	gagnganaga	naagaagaaa	agcgggnaac	aaaaaacang	1380
ncncccnag	acaaagnggg	nggcgng				1407

<210> 3130

<211> 876

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (876)

<223> n = A,T,C or G

<400> 3130

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cgagatacaa	atactacgtt	ggacgcaagg	ctatgtttga	cagcgatttt	aagcaagatg	120
ctgggttatgt	tgacatagga	aatggagatt	aggacaacat	ttagtccagc	gactgacttc	180
atgacctaca	catnccgcgt	ggagatgact	tagaagcagg	ggatatgccc	ttggacctgg	240
tgtcaaagct	ctcgtttaaa	cagcctcggt	cagtgtgtcg	ctaccacaag	agctcctgtt	300
taaacagcct	cgcacggcgt	gtcgcttgcc	acacctgaca	ctattggatt	agttttacgtt	360
gctgangagt	acctgtcatt	tgcctttgag	cattgtcacc	cgtnttaggt	ccgaannaac	420
caaaatgggt	tggatnctng	gaccttntt	tggctttccn	gtnaaaaaat	ggctttttgg	480
ggntcanaat	tgcccnctt	gggggggag	ctttncntga	aaaaaaggtt	tntnccctnn	540
gntgccnaan	tttttggcgg	gaaantttac	cccnannccc	ttttaaaccc	aangggcnaa	600
acctnnmttg	nttgntttca	aacaaaggcc	cctttggnaa	aaaccccggn	nggncntttt	660
tttaaattn	cttgggngga	nnttttctc	antccnngga	aaaaccttta	aaantnnttc	720
cccttanang	gaacctttt	nnaaaaaaa	gnggttttcc	tttaccngaa	anccccnccg	780
attttttttg	gnatnnttna	tagggttccc	tnnaaattcn	ancccgntnn	nntgcccntt	840
naantnnaat	canntttaac	nttnncnnnn	naatcc			876

<210> 3131

<211> 1195

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1195)

<223> n = A,T,C or G

<400> 3131

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nnngnnnnnnn	nnnnngnngng	gcgtttccnc	tttnctangn	tgnaaaaaaa	acccgggtttt	120
tggggngaaa	aanngcccn	agcccnagg	gaatnccnc	aanncggnna	annngcggn	180
aaaannncgg	ggcnacgga	ggggngana	gaagnnngnn	aaggggagnn	ggngggcngc	240
gggnnnaggc	gatagggaaa	aggngaanga	ggngcnnggg	gggganngag	ggnnnggang	300
accggangng	anggaggcng	ngcagnggga	nnnacggagn	ggggcangnn	gancgangaa	360
ggcggnagnga	ggaaanaaaa	ccngggagan	ggnggctgna	gnaannnggn	nnaggatggg	420
aggaaaaanc	atanaaaaana	ggngccngna	ggagagaaatn	gnccccngng	gangggngng	480
gnacggggna	angnnnnangn	nagnngggg	nngaagcggn	ggaannnagn	gggnaagnngn	540
gnnngngagg	ggngcgcnag	gagagnggng	gnngggnggg	agganaangn	ncngganccn	600
gagnngggga	ggaagagnng	ngggganngn	nnggangang	nggnngnngg	ganngggng	660
anaggngnnn	ngggngnna	tcaggcnggg	gagaggang	aagcnggcgg	nncgnggnga	720
ngagcaggcn	gngaggnnnc	nngnagagcg	agnngnnngc	nancggnnna	gagnggagtc	780
nnagnnggga	ngngcgagagn	nnagngcnnn	gaggngnang	ngnagagnng	ngnnnnnnnag	840
ngngcnangn	ncnnngnggg	nagcntgngc	nngngggaa	gangnnngngn	ngaggnnnaag	900
nnaggngngg	gngagngcgg	nagnggcg	acagncgggg	nggnngagn	nganangnag	960
ngngggngng	angaggngcg	ngantgnncg	anggcgcngn	cgggggagag	naganngng	1020
ggnggaggng	ngcngnnnan	ggngggacgg	aggagnnggn	nnaggngggg	aggnggancg	1080
angnggnnan	acggcgnggn	gngganggnn	gacnngagn	gagggngngag	gagagnggan	1140
ggggggngng	gcnnngnagg	ggnaggngcg	agnagncnac	angangggga	gngcg	1195

<210> 3132

<211> 1195

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1195)

<223> n = A,T,C or G

<400> 3132

nnnnnggggnnn	nnnnnnnnnnnn	nnngggggggg	ggggggnngga	nngnggngnngn	ngnnnnngnng	60
nnngnnnnnnn	nnnnngnngng	gcgtttccnc	tttnctangn	tgnaaaaaaa	acccgggtttt	120
tggggngaaa	aanngcccn	agcccnagg	gaatnccnc	aanncggnna	annngcggn	180
aaaannncgg	ggcnacgga	ggggngana	gaagnnngnn	aaggggagnn	ggngggcngc	240
gggnnnaggc	gatagggaaa	aggngaanga	ggngcnnggg	gggganngag	ggnnnggang	300
accggangng	anggaggcng	ngcagnggga	nnnacggagn	ggggcangnn	gancgangaa	360
ggcggnagnga	ggaaanaaaa	ccngggagan	ggnggctgna	gnaannnggn	nnaggatggg	420
aggaaaaanc	atanaaaaana	ggngccngna	ggagagaaatn	gnccccngng	gangggngng	480
gnacggggna	angnnnnangn	nagnngggg	nngaagcggn	ggaannnagn	gggnaagnngn	540
gnnngngagg	ggngcgcnag	gagagnggng	gnngggnggg	agganaangn	ncngganccn	600
gagnngggga	ggaagagnng	ngggganngn	nnggangang	nggnngnngg	ganngggng	660
anaggngnnn	ngggngnna	tcaggcnggg	gagaggang	aagcnggcgg	nncgnggnga	720
ngagcaggcn	gngaggnnnc	nngnagagcg	agnngnnngc	nancggnnna	gagnggagtc	780
nnagnnggga	ngngcgagagn	nnagngcnnn	gaggngnang	ngnagagnng	ngnnnnnnnag	840
ngngcnangn	ncnnngnggg	nagcntgngc	nngngggaa	gangnnngngn	ngaggnnnaag	900
nnaggngngg	gngagngcgg	nagnggcg	acagncgggg	nggnngagn	nganangnag	960
ngngggngng	angaggngcg	ngantgnncg	anggcgcngn	cgggggagag	naganngng	1020
ggnggaggng	ngcngnnnan	ggngggacgg	aggagnnggn	nnaggngggg	aggnggancg	1080
angnggnnan	acggcgnggn	gngganggnn	gacnngagn	gagggngngag	gagagnggan	1140
ggggggngng	gcnnngnagg	ggnaggngcg	agnagncnac	angangggga	gngcg	1195

<210> 3133

<211> 791

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 3133
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 angatttnca ngaaaaataa ccaccgggtg gggantaang ngcccaaant cngtcctaa 120
 atgcncagct ttatgtncct tgtccaccat ctngngctc ttctccattn gcctcttcct 180
 tcctatttcc ctccgctaa ggaaaaaaat nggggtcnca ttngtaaaag taattttaat 240
 agttaatcat ctctgagagt aacctgtatt ttaatngttg aaccttaacc aaantaagat 300
 nctgtctnag ctagggtctg tcatttgtgt atttagtggt aagataggaa tgctagtgtc 360
 tctttaatta attggaaata gatggaggct aaaaatgaag gtttttcttt gaaactgaat 420
 taacttgagg atatttgttg ttaaaacttc ttttgccta aaataactca ttttgnatta 480
 tctgaaaata tataatttct ggcattgtgt tgtaaaaata gaaaattttg aggaaaaatg 540
 gaaatagggt ggaaaagtag tcggtaaaaca gtagtaacca aatattttca ctccagattt 600
 gngttttctc ttggcaccag agtagatctt ttgggaaaat atattatgaa aagtnggatt 660
 aaagtttgga ctacccttat ggtagcccc catctgggat gagaacnggt taccaaagga 720
 gtttngggcc tcttaagggt gatttgggtnc ccagtgggg tcaacttttt gcnaaaattn 780
 ccgnaatggg g 791

<210> 3134
 <211> 781
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3134
 ncctttcaaa cgcttgctct tgttctttnt gcaggatccc tcgattcgaa ttcggcacga 60
 ggtgaacacc cgctgacct ttaacaagga tttctggcag gaaactcaca aaanggagaa 120
 ctgaaaattt agacatacag ttggccattg taaaaaacat cagtttcctc tcatacattc 180
 caagtaaacc aagtaaaata agtggtggag taacacttgc ataaaagaat ttaaggagtg 240
 atagctcttt ctgttctgcc attcccaaca ttcttggggg aaaggagact caatgagtta 300
 atactatttc actgagccca agatggaaac ttggtttgac ctaaaacatc tgattaatat 360
 aggctagctg atttcttaaa aattcgttgc attgaaggat attttgcatt tctgtaacac 420
 nngncantcn tgggtggant ggattcnna tntntnca nntnnntnca nntaattggn 480
 caaatnantt tngcnntaaa tantncngnn tcctnnngnc aaaatcnnga atcctnaggg 540
 atggtccaac cccttttatg gntggcctga aaangngaag aatggggaat tcctnttaaa 600
 cntttccatt caaaaaaaaa aaaaaaaaaa cctnggccct ttttnnaactt ttngggngc 660
 ccgttttccc ttanaancg accttgata ggaaccattg gatgaatttn ggccaaancc 720
 ccaacttgga atggcnntgg aaaaaaaagg cctttaantt ggggnaaatt tggggaaggc 780
 n 781

<210> 3135
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3135

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tctcaaatag	aaatgggaga	taagaaatat	atctgtgcaa	tattaaattg	aaaaaaaaaa	120
cccataaaaa	gtgtcaaagg	caaataattt	gctctagatc	acaaaactag	ttagcacaag	180
gctaggatta	taaccagggg	ctaggaaaaa	atcctgaagg	tgatttaact	gagtgttagg	240
ccctgtcaag	ccacctgcta	aggctcatgg	tctttcagac	tagcttcaac	attccaaatc	300
aggcaatagc	tacaacggaa	agataattgg	acggggaatc	ctgagatcag	agtcctagtt	360
tggttttgtc	tcttgtagca	ggatttttta	aatcaggggc	agctctcttc	tcccatccca	420
gccatgaatc	tttcaacctt	agtgggtcacc	aacttgactc	cattccttat	atcaagcctt	480
gtcctgtcaa	ttctccctta	aatgttagtt	gcatccattt	ctaaatatat	ccatggccat	540
caccctagta	aaaagactat	tacctcacac	cccgcacttg	atcttcccc	aactttaagt	600
gactcagttc	cttatatcac	tgccacaaga	attaacaccc	atgtccatct	tttcattttc	660
tgctgaaaga	ttttcagtg	ttcccacttg	aatnccaaat	aaagttcgaa	tcccttanaa	720
tggcattcac	agccttntac	ttctggnccc	acttttatnt			760

<210> 3136
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 3136

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ttcggcacga	ggccacacgg	gccgcatcat	noctgcaatc	tggttccgct	acgacctcag	120
ccccatcacg	gtcaagtaca	cagagagacg	gnagcccgn	gtacagattc	atcaccacga	180
tctgtgccat	cattggcggg	accttnaccg	ncgcccgc	nctggactca	tgcattctca	240
cagcctntga	ggcctggaag	aagatccagc	tgggcaagat	gcattgacgc	cacaccacgc	300
ctaattggcg	angaccctgg	gcatcgccag	ccttgccctc	agtgccctgt	ntnctttggc	360
cctcaatctg	gncccaaatc	tggctgtgtc	ccaaagggtg	tgtgggaagt	ggggggaaag	420
tanaggatgg	ctcgatgttt	tgcagctacc	tcttttnccc	gtgttncttt	ttagacaaat	480
tacactgcct	gaagttgcan	ttcccctttn	cctgggggag	ccnaagaaca	gagtcnnggc	540
anggggtggg	gagtccaggg	atcttggggg	accctccta	aggagaagct	tgcagtctct	600
tcntaagggg	gaacatccca	gaatgcatta	tcgantcagc	ttnttaagcc	caggctttan	660
acaaattctt	nnnagnnccc	caattagggg	nggacaccat	ttaaatgaat	ttgggtttac	720
ttccccttgg	ggcaagncca	anccttgccc	ccanaaggct	acncanaaac	cttgggggct	780
tttaagcctt	ttggggaccc	aggnttggn	nnt			813

<210> 3137
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 3137

gntcaatacc	tgctactgnt	ctttntgcgg	attccatcgt	tcgttcttca	tgtttatatt	60
tcagagttct	taatagtgat	acttaaatat	actatTTTTT	ccctgtactt	tcgaagattt	120
ggatatgagt	tttcagattt	aaatgtggga	actcatttga	gtataatccg	tgaacagcat	180
ttgttcaaca	catttttggg	gaggccctgc	tatatacaag	tcattttcca	agtcctactg	240
aggtattggg	gttatccaga	ttgtattatg	gagaagctag	tggtctttaa	gaaataaaga	300
aataaggcta	aaactcttta	acagggtaga	aaggggcagt	tcatagggga	gggaaatagt	360
atagaacatt	catcctagga	atacaagtga	aatcactcaa	attacatgt	agtcaatata	420
cagattgntc	agtgcctcct	atgtgccag	cagtgtgcta	ggcccaggga	tacaatgaag	480
aagaaccctg	ccctcaaaaa	atgcagccta	aaagttttct	tatggaaact	ggaaatcaag	540
tttgggtctg	gcattagagg	cttttcttaa	tgtattcacc	tggtgtgttc	aggtantttc	600
tgaagatata	gaaatgtttg	atgaaatgaa	tgaagatacn	gaatggtang	attccagtat	660
caagctctat	ctcataacag	ttacatttcc	tactaccttg	caaaccctnt	ccntactatt	720
atttaatacc	cttttttcac	cccn				744

<210> 3138

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 3138

aanccctttt	tnnangcgnt	tcctntcanc	tnaaancgnt	tgnaactcnc	nctntctgca	60
ggatcccatc	gattcgctaa	caagcgattc	taaaccacct	atgagtattt	cttttagggc	120
tcacttaaat	acatgtttgt	atatactgta	ttctagccag	aataatttta	gatctgatca	180
ggtagtagct	aaaattagaa	aaaaacaaaa	tagatgctta	aagaatttgc	atccattttt	240
gagtctaaat	cttttaaaat	atactgagat	ccacatctag	tgaaatgtca	gtgtcaaaat	300
attatagatt	atagctaaaa	tccagattaa	tactcatttg	gggtttttta	tagtggaact	360
tcatagtaat	acaaaaagca	gattgtcttc	ctgtctccgc	tgctcccaca	gtaggtattg	420
aaactggtaa	aatcagtttt	ttgatantgt	gtgtatataa	gaaaaaatag	atacacacat	480
tcttttttct	cagtcaacac	attgattgaa	cactctggca	aagatgctgt	gggtggatgan	540
gttgaggttc	gaaagaagaa	gcaagcgctn	gcctgccttg	aaagaaccga	agtcctttccc	600
attcacttct	ctagaaagct	gccaagacag	aagcagaaag	aaatgggatg	atagtctctg	660
caaagcacac	ttctggntct	ttagaacctt	agaagtgnnt	ctaagagaac	agaagttatt	720
aagaagaaac	nagntacgtg	tggaattca	acaaccttng	ggtnggaacc	cattggcttn	780
t						781

<210> 3139

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (881)

<223> n = A,T,C or G

<400> 3139

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aaactgtcag	tattggatct	tagaagtaaa	tgattattag	gactgtaata	gtaattatta	120
ggactgtaaa	aggtaaagga	ttattatctg	cattagaatt	tcntanatct	aaaggatttn	180
ganactngag	acntttannn	ccaggnntct	tttctnaaan	tcnnaaatte	caaattcatt	240
ngaantnggg	aaagtgatgg	gggnacaant	ngcntnncnat	ccagggnttc	taaanngn	300

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ncanntggcn cncnnncgnt aaanntactn tantntnecn tgagcccn gn taaaaaactg 360
ngttaccctc tgacgactag tggngattat cnatttttnc ccttnanccg gccctnattt 420
cttctaacc cccacnntgc cttntnngat ttaaanaacc ttttggngnc aattccctnc 480
ctntccta atangcccc cngangagtt ttatccnccn gnggnaataa attnccccca 540
aggggaattg aatccaancc ccccaaanaa attnngncc cccccctttt aatnggnctg 600
nnttgggntg ggnaaaaanag gnttttnttt atccaaagcc nggggtttnn caataaanna 660
gntnnccngg ncccaataat atttttaaag ngcnaccct ttttnnnana aanccttttc 720
ccccctttt tttcnagggg ggggggntat tccannnggn nnaanccctn actgnnaggg 780
ggccaatntt aaatgccncc ccccttggcc cttcaccccc aacccctttt ttntntttnt 840
tttttnnacc naanncaa atccgnttttt ggggttncccc c 881

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<210> 3140

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (725)

<223> n = A,T,C or G

<400> 3140

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ttatgattcg gaggggttctg ccgcacggca tgggcccggg cctcttgacc cggagccagg 120
cacgcgcaga ggagcttttc tctgggtaaa gttgaggacg acagagggta ttgtggttct 180
gggttgtecc caacctccga ctgtgtgtcc ttcaggaccc gaaaccatgg cccacactgg 240
caggacagtg ggtcggcttg gggaaggggg ttagcttacc taccagagct tgtaggggct 300
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atttaagctt acagtcagac tgattgataa tcggtggcac agatgtgcat taagtctgc 420
ccgtgttcag gatgctgtac ttagtgtgtg tgcggtaaaag gagtgaagag aagacgggat 480
tcagtgaatg ttctggaaaa tggctagagt gtacctagag agggaaaatt tcaatagaca 540
gtaggccagt tcaagactgg atagaagccg ggcgcggggc ctgtaatcct agcactttgg 600
gangtcaagc cgggtggatca cctgagctca aganttcgag agcacctgac caacatggtn 660
aaacaccgct tttctaaaaa tncaaaatta gctaggtgtg gtgggtgggct cctgtaatcc 720
aggac 725

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<210> 3141

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (745)

<223> n = A,T,C or G

<400> 3141

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ctaatagctn ngccnactcg ctctttctgc aggatctctc gattcgagaa catgaaggta 60
gcacagaaaa agagatgctg tcttgcaggg aatgttttat ttcaggaaag atatttgcaa 120
aggtggcaat gcagtgggtg atgggtgtgg caaggcccaa acagcacgga gctcgtgca 180
gaggagtaca ccctcatgag catagacacc atcatcaatg ggaaggaagg tgtgtttcct 240
ggactgatcc caattctgaa ctcttacctt gaaaacatgg aagtggatgt ggacaccaga 300
tgtagtattc tgaactacct aaagctaatt aagaagagag catctggaga actaatgaca 360
gttgccagat ggatgaggga gtttatcgca aaccatcctg actacaagca agacagtgtc 420
ataactgatg aaatgaatta tagccttatt ttgaagtgtg accaaattgc aaatgaatta 480
tgtgaatgcc cagagttact tggatcagca tttaggaaaag taaaatatag tgggaaagta 540

```


aaactgactc	atccaactag	acattctaca	gaaagaaaaa	atgcattatt	gacgaactgg	600
ctacagtacc	atgcctnttc	anccagcccg	gtgtgtataa	tatgaaagac	canatgatag	660
aactgtactg	ttttctgggc	cagtgaacca	gaaattggat	taangctttc	tttggtangg	720
taaatctaga	agttttatata	ntggn				745

<210> 3142

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(926)

<223> n = A,T,C or G

<400> 3142

tttaagccct	ttctactnct	cttttgcagg	attccatcgn	ttcgaattcg	gcacgaggat	60
ctctatacta	gtgaacagtg	ccagttccac	actttggact	tagaactggt	ctctagttat	120
tgtaacacag	aatactgtca	atccctaatt	tacttaattg	tacttattgg	aagtggggct	180
gatgaaatac	gcacaggagg	gaaatctact	gtgtttaggc	acaggcagnc	ccagtgtata	240
aggagatcat	attccaaang	gttgtcagtt	ggntgtttgc	aacctggaat	gtattttcct	300
ttagagacca	ngttatccat	ggtggttagg	cccctagagc	agctggaaaa	agatgatcaa	360
accaataggt	tngtcgacat	cnaataatgt	aataagtttg	ctaaaggaat	ctaccatcaa	420
atntnatatt	gnttccaggg	aaggttgttn	nttaanntnc	cntcttngtg	ncatantgga	480
cnntcccntn	ccagtcattnt	nentnannnc	tngggcnngt	ntngnnttng	tntntttngn	540
cnntcnanca	atatttcata	tcnccctng	ctaaaattct	ttnanannaa	nttctcantt	600
tctcccttta	ctanaanttt	ngtntttnt	ccntttanta	tttnnncccta	tntntntcgt	660
tcnnanantn	cattnnntnn	ttntnngctn	ntnnatcacc	cttanctcnn	tctcanntat	720
cntnntenta	ttatctctnt	attntntcct	tntnatnate	nttccnnntt	acttanncna	780
ttatntcttg	ttntntntct	cncatctctn	tctntttctc	ngctnannnn	actccnnnnn	840
tcncnctctn	nnnnanantc	atatnctnct	ttngntatat	annnnntnt	ntacntanct	900
cnnnatnnca	tnncnatatn	nttngt				926

<210> 3143

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3143

tnaagnccct	tctnttgctc	tntttgcagg	attccatcgn	ttcgcagagc	tgtatcttca	60
gtgggtgtgat	gaagctacag	taggggagat	cactcatgct	aggtatggat	ctccttacct	120
ttggcctctg	aatcatattt	tggcctatca	aaaacagtg	gaagtcaaac	gtaagatgaa	180
agctattgga	tggggaaaga	agactctgga	ccagggtctta	gaggatgtag	accagtgtcg	240
tcaagctctc	tctcaaagac	tgggaacaca	accgtatttc	ttcaataagc	agcctactga	300
acttgacgca	ctgggtatttg	gccatctata	caccattctt	accacacaa	tgacaaatga	360
tgaactttct	gagaaggtga	aaaactatag	caacctcctt	gctttctgta	ggagaattga	420
acagcactat	tttgaagatc	gtggtaaagg	caggctgtca	tagagttagt	tgtagtctc	480
aggagtctta	acttttgaaa	tatgttttac	ttgaatgtta	catttagata	tttggtgtca	540
gaatttttaa	acccaaattt	actggctttt	tggaaacctt	cnaaattata	ttaatgggtat	600
cttnatgnat	tgtgccttta	taattggcna	ttttgggggn	tttncntttt	naaanaaaaa	660
ttcctngaaa	tttattttta	antcnggaa	taatgntnng	gnaattcctg	nnattccttg	720

gnnaantttt tntggngttc cctttgggaa accantggcc ttngcctttt tannaaantt 780
 aaaagncttt taaancaaac ctggg 805

<210> 3144

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 3144

gtnccttngtg nctntcngna actccctctn tctgcaggat ccctcgattc ggagaggagc	60
aggtgcagtg attcataccc actctatngc ttttgtgatg gccacccttc tctttccagg	120
acgggagttt aaaattacac atcaagagat gataaaagga ataaagaaat gtacttccgg	180
agggtattat agatatgatg atatgttagt ggtaccatt attgagaatn cacctgagga	240
gaaagacctc aaagatagaa tggctcatgc aatgaatgaa taccagact cctgtgcagt	300
actggtcaga cgtcatggag tatatgtgtg gggggaaaca tgggagaagg ccaaaacat	360
gtgtgagtgat tatgactatt natttgatat tgccgtatca atgaagaaag taggacttga	420
tccttcacag ctcccagttg gagaaaatgg aattgtctaa gcaaaaagaa agtctaatta	480
tatacagaga taaagctaaa cgtaattatt atttaaataa aagctatttt tttaaatgaa	540
attggaaatt tttcatgga tgccctnctaa atttggncac ttaaataacct gcaaaaatgg	600
gcncctctgg aaacctcttc tgaccatttg gaatggtaat tnggccttaa taattccttn	660
aataaatttt ttaaaaatga angggcccc agnnggaaaa attggnaaaa aatttttnaa	720
tancntccna anggtnnct ggggntaaat tttttttaa aatcccttt aaaccagccc	780
aaaaattatt tttggnccct ttaaatttcc ctttnntna aaantantac cntcttcagg	840
aagnaaattc c	851

<210> 3145

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3145

gctcnatgct tngcnatgc ncctttgcgg attcatcctt tcgggaactt ttgaagagaa	60
aaattcgagc tagagggtatt cttaaagcct taagtactt gaaatctatg tatttgcaac	120
cctttgtctc tggaatcata ttacactaaa ctggaatctc aggctgaatg agaataaacc	180
agtggagtaa aaagaagaaa accgtttctt gatcaccact taattaacga tgctcttct	240
ccaaaggatc agcacgttct tcctctgaga acttgaaaat acaaatggac cccatgtttt	300
tttaagcatt accttttctt agaagactgc catcatcttt tatagaggaa ttttttact	360
atgcanttcn gtggatcttt ataaaatact gaccttctaa ttagattcag gtcagtotta	420
attaaagggg gaaaaaaagc aacgcaagcn caaccacagn aacnccatat tcccaaata	480
aaggaaattt ggtttaaaat ttcacagcat taaacattac tttttaaagt aaaacnagtt	540
catttgaaaga aagtatgtat tgcancnant ggaacatggg cctggngctt ttgcagtggc	600
cttcaacctn ctgtgcctgt ctggaanggg cgtgttccca agagtgagan ggagaagcct	660
ggtgtncang aaacgctcct attaangaaa gnttnncttg gccaccgggc caacggggcn	720
aagaatggtt tggggtggnt ttnacctctt atcantgc	758

<210> 3146

<211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 3146

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cctgcctcta	tcccagaatg	tgctggagat	ttgacactca	natcantgtn	tngncttctg	120
cttggcncca	tancttaacc	tgcaagtgnct	tcaaaatgcc	caatgccttg	tttcctatta	180
ccttanatng	cnnnccagtc	tagggaagtc	tatgagaaaag	tngcatttaa	ttaaagttta	240
aaaaaaaaaa	ggttgggcnt	tgnggctcat	gcctgtaatc	ccagcacttt	gggaggctga	300
cgcggttgga	tactagggtc	angagttcaa	gaccagnctg	nccaacatgg	tgaaaccctg	360
tctgaactnn	naatacnaaa	attagctgag	catgggtggcg	tgtgectgta	tctnagctac	420
tcacganctg	nggcaggana	atcgcttgaa	cccannaggc	ngaggctgca	gtgagctgag	480
attgtgccac	tgactccaa	cctgggagga	caganctaga	ctcagtctca	aaaccanaaa	540
aaaangccnt	tttttctggg	ttnaaatggg	ttnggaanac	tttttttttn	tttgggtccc	600
ntancctttt	ccctngaaac	ccctttttct	tggaancccc	tnaancccaa	aaatttttat	660
tagccntttt	tttnannaag	gggggtttta	tncttaaagg	ggccttttan	ccttcaatnc	720
naaaaaaaaa	aaattgcccc	gcnaaggncn	ttttaccgca	gttgcaaatt	taatttttnaa	780
taaccacaact	ntgggccttt	aaaattttaa	annnaagntt	cttgggtnac	ccnanntntn	840
tnggggcctt	tttttgnaaa	accctttata	ngggggggng			880

<210> 3147
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 3147

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ttggtgtctt	agatccctag	tctacccaaa	taatttttaac	agtactgttt	tttctaattcc	120
tgaagtctga	tatttatgac	tcatttagcag	gaatcaaaac	tagtgatcag	tagaacactt	180
tcaaaaataaa	aatttggaat	gcagactttt	atgaaaattt	aaaagtgtct	cttaacagaa	240
tatcatgggt	tttcctataa	aacttcttta	agtattgtaa	ttccagtctg	ccccaaactta	300
aaaaaaaaatt	cttattaata	tgtcagtcac	taattgctag	tttgggctct	cattattttcc	360
tgtttttttaa	caattttgtg	ataattttat	tattggcaaa	ttaatacatc	aacacttaaa	420
tcattgacta	taataatacc	ttctggctac	ctctgtatca	accaaattct	gtaggtgcaa	480
acatatacca	gggaattctt	actggcaaaa	tgatcaatct	ggagtgtgca	tccactgtga	540
atggagcaaa	ttgccctata	cccattgata	acctagcttt	cttagtttgt	agatgtagga	600
aacaaaatag	tgacagagag	agaagggggg	ccacagggca	tggtatatatt	atcagcagtg	660
gaaaaaaagt	gcatagatca	tttagtccaa	gaacttaaaa	ctaaattgag	ccataattta	720
ctt						723

<210> 3148
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 3148
 gcttcaatan ctttttctaa ngctcttttt gcaggattcc atcgattcga attcggcacg 60
 agagtaccca nanttgcnag gagtntnntn actgatntag ccagggtggca atnatgagtg 120
 aatggatnaa naaaggcccc ttagaatggc aagatnnat ttacnnagag gtcnagtgn 180
 canccagtga cangaatgag tttnaaggga tgggttttaa ctacagaccc agnctctgcc 240
 aatatngacc ttgtgaactt ccttgaagat ggcanatgt ctgagaccgg aattatggga 300
 catgctgtgc agactgttg aactntgaat gaaggggacc atagagtgag ggataagctg 360
 atgcattttg ttcacgtctg gagactgcaa agcatacagc ccacaggatc tggagagag 420
 aaagaacagc ctanagnaaa tggctngaga ngaaccacat tcccatcact gaacagggan 480
 acgcttcaag gactctctgt gtggctgggg ncctgactat ngacccacca tatggtcana 540
 naaatnncac cagctctnat gagantattn tgctcgctgt tcaggatctt antgaaggac 600
 atcttacant ttnccaanna naagncatga aatgtgacat tctgcttgaa naagacnata 660
 ttttatcctc atnaatgttt aaatgtaaaa nnnnananaa aanactcgag ctntnaaatn 720
 tngtgagttt anang 735

<210> 3149
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)
 <223> n = A,T,C or G

<400> 3149
 gcttctaatt cttttcgant ngcnntcntt gcaggatttc caaatncttg gntgcaccc 60
 ctgatggcnc tgtaaagatc tggaatatga agaccacaga atgttcaaat acctttaaat 120
 ccctgngcan caccgcangg acagatatta ccgtcaacag tgtgattcta cttcctaaaa 180
 accctgnnca ctnggtggtg tgcaacagat caaacacggg ggcatcatg aacatgcagg 240
 ggccanattg tcagaanctt canttctggg annagagang gtngggactt tgnntgctgt 300
 gccctctctt cccgtgggtga atggatctac tnggtanggg aggactttgn gctctactgt 360
 ntcngttcan cnactggcaa actgganaga actttgacag tgcaacgaga nggatgtgaa 420
 tggatttgca catcancctc atcannaacc tgattgtac ctacagtnan nnatggactt 480
 ctaannctct ggannccatn antcaacttt tcttgataaa atnagctcna aagcntntac 540
 tttaaatgaa gccatnntca tggtaatgtg ctttnatntg ttttttgcen ncntgttcta 600
 aancaaatac nattgtcnna aattnanncn cncaaataaa ttttttgtgg aaananttna 660
 tgnnttttna anttagcnaa nctnncccn tntctctttg tgtgaanatt aagcttttaa 720
 aggggnagttt nggnnttant ccatnctttc naaactgggn tgnccggtca acnttaaang 780
 ntcaaacaat taaanncn 798

<210> 3150
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

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<400> 3150
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ttcctggctt cagtcctacc cgggttatgc agctacggct tcatacatac accagttgca      180
ctaaactggg atgaaaatta agttaaacc agtagaaaat ttcacctat gttttgggtg      240
taaaagaagc aaatgaacaa atgaatagag gctgccaaac agttgtctca ccaactgttc      300
cgactagcta acaagattag ctaggtcata cctagtcgta aaagaatact ataagaactc      360
agaaattcga catatttcta ctacttgctt gtcagttaga taaacagatt aaaagaacca      420
taaaaaaaca aagagaaaat aatagtagga ttagagagca tgttatcatc tcatgggctc      480
acttggcctt agaaagaggt gtttatccat catgaatatg aatccagggg tctgaatgga      540
tataagagaa ccaaatgtaa cagaaattta atatcatttt ttctctgag atgaaacatt      600
ttacattttc cagtttatta gataaaatta ctaaacatgt tctagaccct ggagttgtag      660
attttatgat gttggctgct gtggantggc catgactggg ttttcaaagt ntaatttgat      720
ttctttttta tc                                          732

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<210> 3151

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(910)

<223> n = A,T,C or G

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<400> 3151
gtnnncttca ttcaatccct ttgcanntgc tctttttgca ggatccctcg attcgaattc      60
ggcacgagct tgacttccaa ctgcccctga gatttgnnct ccagtataag gggcaagcgg      120
gtgccctgga ncgtccantc ctnattcanc nancangget tggntttnt gnaaaaactt      180
gttggnagtc ctgncanaaa agctgcggcg gaaatgggca ctgtggcttt ccccgtttca      240
ggntgggtggn gattcctgtg gggagtgagc aagaggaata cgccaaaaag ggacagcnga      300
ncctgcnggc tgcaanactg gtcagtgacc tggatgcana ctttttgact gaccctttag      360
accngagaaa tcctaccggg ccccannttt gncccantaa caaanttttc angttttgnt      420
gggttnggcc cataaaanaa gcaactggtt ngaanaaaca anttgaaacn ttttcgggaa      480
aaaaangcta ntttgnggca ccntttgccg caatttgggg anattttccc tngnnaaana      540
ngttttnncc ccnttgggtc gacaattttt ccnnnaaata ntctnnccgg gtctnnnaaa      600
antntccngn gnngnanaaat ttttttttng gnnctcntnt nanannnttt ntnttgngga      660
tcnaaaanaa nttgntnatt tgacaaatna ngcncnaant ataanntggn aaanccccnc      720
aaacctgttg aaaacaantg tnncccccn aaatttttna naaanactgn ttggagaccn      780
aaattnnnta tnttctnnaa naaaaaaaan ttttgttngn gnnccnctc aatntgnggg      840
tggnaacttt tcatncnnan ttnntttggn taggtaaatt ntatcttct ncttnaanaa      900
aaaaattcnc                                          910

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<210> 3152

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

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<400> 3152
gnttnnncct tttcantnct tggtctcgn ctttntgcag gatccctega ttcgaattcg      60
gcacgagggtc tagtataatc ttgatgctca aaccagataa ggacaatata agaaaggaag      120

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agtataggct	aattctaccc	aataactaaa	tgaagtatta	gcaaaccaga	ttcatcaata	180
atcttttaaa	aatcaagaat	taattggatt	taggaatata	acactgtgta	taacaagttt	240
aagagaaata	tatgagaatg	ataagactgc	aattgaaagt	agaggctttc	tctggagggg	300
aagggtgagga	ggatgtgatt	tggaagaaca	gcatggggag	gcatcagttg	tattgtaatg	360
tttatttttt	aagctgaatg	ataggtacgt	agatgttcat	tgtgttcttt	ttgccttttt	420
gtatatctta	aatatatggt	agtgccatga	ttagcaggct	taatagcctt	gtgagtttaa	480
atgtcacttt	caaatgctgt	atttttggtg	gagttgctta	aacacattcc	ccttggnatc	540
tatacaacca	gttaaaaaaa	atcatgtata	naccacccat	tgaaaatata	atggaaatgt	600
actgnatatg	ccattttcat	gaaatggttg	tgtcaaaggg	gcttnttagg	aaaaaaaaag	660
atcgtttaac	tctttttgca	tttaagtggg	aaataagggtg	ggctttngga	aatagtttca	720
acccttgctt	aaccagtttt	ttttttcatg	cttnn			755

<210> 3153

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3153

tnaagncctt	tctnttgctc	tntttgcagg	attccatcgn	ttcgcagagc	tgtatcttca	60
gtgggtgat	gaagctacag	taggggagat	cactcatgct	aggtatggat	ctccttacct	120
ttggcctctg	aatcatattt	tggcctatca	aaaacagtgg	gaagtcaaac	gtaagatgaa	180
agctattgga	tggggaaaga	agactctgga	ccaggctcta	gaggatgtag	accagtgtctg	240
tcaagctctc	tctcaaagac	tgggaacaca	accgtatttc	ttcaataagc	agcctactga	300
acttgacgca	ctgggtattg	gccatctata	caccattctt	accacacaat	tgacaaatga	360
tgaactttct	gagaaggtga	aaaactatag	caacctcctt	gctttctgta	ggagaattga	420
acagcactat	tttgaagatc	gtggtaaaagg	caggctgtca	tagagttagt	tgtagtctc	480
aggagtctta	acttttgaaa	tatgttttac	ttgaatgtta	catttagata	tttgggtgtca	540
gaatttttaa	acccaaattt	actggctttt	tggaaacctt	cnaaattata	ttaatgggtat	600
cttnatgnat	tgtgccttta	taattggcna	ttttgggggn	tttncntttt	naaanaaaaa	660
ttcctngaaa	tttattttta	antcenggaa	taatgntnng	gnaattcctg	nnattccttg	720
gnnaantttt	tntggngttc	cctttgggaa	accantggcc	ttngcctttt	tannaaantt	780
aaaagncntt	taaancaaac	ctggg				805

<210> 3154

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3154

tnnnnnnttt	tcaatntttt	ancgtccctt	aggatccntc	gattcgatcc	agatgggata	60
cctctaaaca	cgaaaagaaa	gaagattcca	ttantgaatt	tttaagtttg	gttttatcaa	120
aagccgagcc	acctangcaa	cagtccaccc	ccttagtaaa	caaagaggaa	nagcatgcac	180
cagaatcatc	cgcaaatnag	acagtcaaca	aagatgtgga	cgcacaggct	gaangagaag	240
gganccgcca	tccatggact	tattcatggc	catctttgcc	agttcctcat	atgaaaagtc	300
ctnatcctgc	gangatganc	acggtgacag	tnaanatgat	caggcacgct	ctggngagga	360
caacttccaa	agctggnaag	acactgactt	ggnggaaaca	tcactctgtg	ctcacgctnt	420

tgtgccagng	ccctaggagc	cgtcaccttc	cttccccgata	caaangatgc	agatagatna	480
naganaagag	ntcggccnng	ngctgcctcc	cgtcttatgt	nccaatgctc	gtcagacact	540
tgaagttnct	canaaaagaga	aacattccaa	gaacaaaagac	nagcacaang	gcaatanaga	600
acacaggccn	gaaagaattg	anangaaatt	ggaaacactn	gaagcacnaa	acacctaang	660
naatccaaaa	naattggcaa	accaggggaa	aagtaggtnc	ctncgngaag	tttcgacagc	720
cngcggacaa	gccanaattg	acnatgaaac	cgcatacgtg	tcttnc		766

<210> 3155

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3155

ttngaaaaacn	ccttngettn	gttncccccta	cngaaaccct	tttgaaaacc	ntttgcnann	60
tcctctttnt	gnaggatccc	atcgattcgt	gaaagaggag	atcggtgacc	tgggctcctt	120
atgtgcctga	atgagtttga	gtttcctgtt	aactccaaat	caacagtatt	ttcaacaaga	180
aatgtgcaat	tgaaatcaag	tgctgtttaa	gtgcagctag	gantccacag	gaagacactt	240
gcagtgaaca	gagttatgga	gcagcaaaaa	cacagatcta	tttggaaaaa	gagaaaacat	300
atgcgttgta	ttttgcttca	attataaaat	accatcctct	caaaggtggt	tctaaattac	360
aaaggacttt	gatttctagg	tagattctgg	gtagagactt	cctttcatat	tgaggcatta	420
atgacacctt	ttaacctggg	aagcaatatg	actggagttg	tactttgaga	agattaatca	480
ggtttggttg	cagaatgaaa	gagaagatga	agtcaagaga	ttggtttaga	ggctctagca	540
gaagcttagt	catatttcaa	aatgatcaaa	tatcaagaaa	aattctgagc	tgcataactt	600
gtataaagta	attttccagt	atttttttca	tggttatgat	aaaagaactg	gattagcaga	660
aacttttacc	ctgaatcaag	atttaatttt	tctttgagct	catcttaagg	atatacggaac	720
atagggagca	aacgatgggt	tggtgcctc	antgcttgaa	ttttaacngt	tttgaaan	778

<210> 3156

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (745)

<223> n = A,T,C or G

<400> 3156

nanatccnnc	nantncttnt	tgttcntgtc	cgnangatcc	catcgattcg	aattcggcac	60
gaggtttcat	ttaagaagaa	tgantagat	anatgtgctc	ttctgggttac	cccaccctga	120
cagagtgcac	ttttacacgg	ctagcagggg	ttgagactgc	agcctggcct	gccagccatt	180
ggaggtgttt	aaggaagggc	agataatgtg	actctttgcg	gggtgccatc	tgcttaccca	240
ttagcgagca	naggggggtt	ctgcgggtga	ccccagcat	atctctaggt	tacttatggg	300
cagatttgta	agtgacaaaa	ctccagctga	tgctgggaat	ggggagaggg	cccttgaggg	360
actttgtggt	tttgtgcttc	tggtttcctg	gccaaaccca	gggtcacttg	tctggaggcc	420
cagctgggca	ctaattgtctg	ccaccgacta	tgtaaagtg	tataaatgat	tcctctattt	480
gggagagatc	ttccaatcca	gaggagcccn	tcttgactg	cctgggttaa	atctgcatan	540
cagangtgg	tgatgaagtt	catctgaaga	aattcagccc	cacctnccca	ccctgccntt	600
cctgctccct	tttgatagtg	gcttctgggt	actcgggcnn	gtncctggga	caccancctt	660
ntctgggggt	ctnaagccat	cccgttgggg	ctgtcggcca	agcctaagtt	aatcgtgtgc	720
ctntattggg	aggatngctn	ntcct				745

<210> 3157
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 3157

ttnnnnnnct	ccnaatcctc	cngatnana	cnccttgnan	ctncctgcag	gatcccateg	60
attcgaattc	ggcacgaggt	ccatacatgg	agctccctgg	agcccgtgtg	ntntcgtgtg	120
actgaacgtt	ttgtgatgaa	aggaggagag	gctgtctgcc	tttatgagga	gccagtgtct	180
gaattgctga	ggagatgtgg	gaattgcaca	cgggaaagct	gtgtgggtttc	cttttacctt	240
tcagctgacc	atgaactcct	gagcccgacc	aactaccact	tectgtcctc	accgaaggan	300
gcctnngggc	tctgcaaggc	gcanatcact	gccatcatct	ntcagcaagg	ngacntatat	360
gtnnntgacc	tnnagacctc	agctgacnct	nccttngtan	gggtngatnt	nggaagcatc	420
ccaaggngat	ttagnacnn	tggantcctn	atnactgata	anacncnaac	tatantnttt	480
tacccttggn	agcccaccag	caagaatgag	ttggagcaat	cttttcatgt	gacctnctta	540
acanatatac	tctgaatgaa	tctacgttgt	atztatcagg	nggacaatgg	gaataaagcn	600
ttntaaagc	accnantgga	catgaaagca	acagacacna	ggagnnaagc	cttgagacat	660
gtctgnntc	tgaccgcatt	ttgatccant	gntctgtgan	ganttnttca	ctgaacattt	720
tcaagaggag	ggtgnatacc	cctggcaatn	gccnaanaa	ag		762

<210> 3158
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3158

tgntttcccn	ctnagatcct	ttctcacaac	cttgtantgc	tgcangatcc	catcgattcg	60
cgtctgtaat	cccagctgct	tgggaggctg	aggcaggaga	atcacttgaa	ccctggaggt	120
ggcgggttga	gtgagcacag	atcatgccac	tgcactccag	cctgggcaac	aaaacgagac	180
ttcgtctcaa	aaaaaaaaaa	catagaattt	ggatcctttg	gtcgggttct	cccaaattct	240
tttgagggtg	ccatgggtcaa	ctgcttcagc	tttgtnttgg	caacccctg	cccgaanncg	300
catntaggtc	gctcttcacc	ttgtttccaa	ggctgangaa	cagaaagtag	cctntgtttt	360
gaggangtng	aagttnanta	tacatnnatt	ttntactgng	actngntcag	gaccacattt	420
tacaaaatgc	ctngtttccct	tcattgnntc	tggaaaggaa	agttctatta	atattgnttt	480
actntgaata	tanaatagtt	ttnantaatt	agggttattt	tnnaaaaatt	ctgagctaatt	540
tcaaatgtat	gccaatacct	tccaaagtaa	ggtaatatcc	anagacaagt	tgctgtnatc	600
anatggctta	nagaaaatct	ctggaatatt	cacattctaa	nattncctat	taatngaattg	660
tcctttgact	taaactctacc	aaaaaactgc	aacattantc	tttgncatnc	tcattatata	720
gngttaanaa	gcttatttca	nacnaataaa	atctn			755

<210> 3159
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 3159

ttneccccc	ttntntncctt	tgtctcatcc	ttgngeccttt	tgcaggatcc	catcgattcg	60
cgtctgtaat	cccagctgct	tgggaggctg	aggcaggaga	atcacttgaa	ccctggagggt	120
ggcgggttgca	gtgagcacag	atcatgccac	tgcactccag	cctgggcaac	aaaacgagac	180
ttcgtctcaa	aaaaaaaaaa	catagaattt	ggatcccttg	gtcgggttct	cccaaattct	240
tttgagggtg	ccatgggtcaa	ctgcttcagc	tttgttttgg	caacccctg	cccgaagtcg	300
catataggct	gttcttcacc	ttgtttccaa	ggctgaggaa	cagaaagtag	cctctgtttt	360
gaggagggtg	aagttaagta	tacattttatt	ttttactgtg	acttgttcag	gaccacattt	420
tacaaaatgc	cttgtttcct	tcattgtttc	tggaaaggaa	agttctatta	atattgtttt	480
actttgaata	tagaatagtt	tttttaatta	gggcttattt	tgaaaaattc	tgagttaaat	540
tcaaagtgtat	gccaatacct	tccaaagtaa	ggtaatatcc	anagacagtt	gttgatgata	600
gatggcttag	agaaatttct	ggaatattca	cattcgaaag	ttccttatta	atgaatgctt	660
tgacttaaat	ctaaccaaaa	actgcaacat	tattctttgt	acattttcat	tatatagtgg	720
taacaagctt	agttgcaaac	aatgaaata	ctt			753

<210> 3160
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3160

ggnttttnnan	ncttttcta	ncttggtctn	agttcttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gagtaaccag	agttgctgag	agttttttta	ctgatttagc	cnnttggtcaa	120
tcatgagtga	atggatgaag	aaaggccctt	tagaatggca	agattacatt	tacaaagagg	180
tccgagtgc	agccagtgc	aagaatgagt	ataaaggatg	ggtttttaact	acagaccag	240
tctctgccaa	tattgtcctt	gtgaacttcc	ttgaagatgg	cagcatgtct	gtgaccggaa	300
ttatgggaca	tgctgtgcag	actgttgaaa	ctatgaatga	aggggaccat	agagtggagg	360
agaagctgat	gcatttggtc	acgtctggag	actgcaaagc	atacagccca	gaggatctgg	420
aagagagaaa	gaacagccta	aagaaatggc	ttgagaagaa	ccacatcccc	atnactgaac	480
aggagagcgc	tccaaggact	ctctgtgtgg	ctggggctct	gactatagac	ccaccatattg	540
gtccagaaaa	ttgcagcagc	tctaattgaga	atattctgtc	ncgtgttcaa	ggatcttatt	600
ggaaggacat	cttacagctt	ccaatgagaa	gccaagaagt	tgtgaacata	ctgattgaaa	660
aaagacttta	ttttaatccc	tcattaaaaa	ggttttaaat	gttaaaaaaa	aaaaaaaaaa	720
acttcgagct	tttaaaactat	ngtgagtcga	ttcntataa			759

<210> 3161
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3161

ttctcctgaa	acgttngca	cttccctcnc	tgcaggatcc	catcgattcg	aattcggcac	60
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gagacactgt	cccactccat	cacccaggct	ggagtcacgt	ggtgtgatca	tagctcgctg	120
cacccctccag	ttcctgggtt	caagccatcc	ctcctgcctc	agcctcccca	gtagctggaa	180
ctacagggtgt	gtgccatcac	acctggcttt	acatttttct	gtgggggtctt	actatgttgc	240
ccaggccggt	ctcaaactcc	tgagctcaag	tgatcctctg	ntcagccctc	cagagtatct	300
gggattacat	atgtcggcta	ccgtgtctgg	ccgttcacat	ctttggccac	tattngcttg	360
tgaaaaggta	tnatgagggtg	gtacttatca	tngttactgt	gtctcatgtt	nngtatattt	420
ttgcttcate	aactaagatg	cactgtaaca	tctgtgaaat	ctggatatat	tatcaaangg	480
tttatcatag	ttttgttaac	aatacactgt	cgttttactn	ggtgcctaan	ataatggtat	540
agttngnagg	tgatccttaga	tttgatgaag	cacagtatgc	aangtaggcc	taatggnggg	600
aaagaatggg	naattttcan	angcnnggaa	gtatttgnntn	ttttgtaaat	ggacttgaaa	660
agcttggttct	gnnggatttg	acccaacccc	tttccctttn	aaaccccgaa	ttctnatnga	720
ctnttccaac	ttngaaaact	ttgctcnaac	ttaaatacct	ttnaaaaatt	aacntgacc	780
ccg						783

<210> 3162

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3162

ntntttgaat	ctttgaaata	cctttgctat	ngttctttnt	gcaggatccc	atcgattcga	60
attcggcacg	agaggttgct	cacctgaagg	agcacaggag	ggttttccag	gccatgtggc	120
tcagcttcct	caagcacaag	ctgcccctca	gcctctacaa	gaagggtgctg	ctgattgtgc	180
atgacgccat	cctgcccag	ctggcgcagc	ccacgctcat	gategacttc	ctcaccgcg	240
cctgcgacct	cggggggggcc	ctcagcctct	tggccttgaa	cgggctgttc	atcttgattc	300
acaaacacaa	cctggagtac	cctgacttct	accggaagct	ctacggcctc	ttggaccctt	360
ctgtctttca	cgtcaagtac	cgcgcccgt	tcttccacct	ggctgacctc	ttcctgtcct	420
cctcccactn	cccgcctacc	tggtggcgc	cttcgccaa	cggctggccc	gcctggccct	480
gacggctccc	cctgaggccc	tgctcatggt	cctgccttct	atctgtaacc	tgetgccc	540
gcacctgcc	tgccgggtcc	ttgtgcaccg	tccacacggg	cctgagtttg	gacgccgacc	600
cctacgaccc	tggagaggag	gacccagccc	aagaccggg	cctttggaaa	acttcctgt	660
gggaagcttt	aagnnccttc	nanangccac	ttaccaaac	ttgaggggnt	ccaaangccc	720
gccanccggt	nattaaccaa	ggcctggnc	aatgcctgaa	ggtcaaacaa	tn	772

<210> 3163

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 3163

tcnnncnctt	ttcgatcttt	tgagncttgc	ctttgaaccc	cttggnctacg	anttcggcac	60
gagggaaacca	tgananccna	gagctagaat	tgctattgga	tnnctgtctat	tctctntttg	120
cttattgggn	cgngntnctg	ggttnctggc	ctcangggtn	nncccgaaang	anggggtatc	180
tnngagcnan	ttntgcnnnt	tacnggctag	cttgntgggg	gcttaanntg	ccactnttan	240
acatgctnta	ctantcantg	agannntnctn	ntcgaccatn	tannacnatn	ctgtgnnttc	300
cngtacnctn	tggccgnatg	gagctattag	cttcaanatg	nnctgnantg	ttacatgcan	360

ncactgannt	nactatccan	natntaagtn	ctcttnngctt	actgtgaaca	nnngctactn	420
ncttgatata	tatagnaagg	ntcnttgata	cncgatnatc	ntnctgtca	gatcnataaa	480
tancanctat	accnactgtn	naaatnccat	ctggnggngct	tncnatccan	acataattgc	540
attannncgt	cnaattgnga	tanagtnttg	aaagantctn	ggtttagacn	ttggatgttg	600
caatgnttg	gncttanaaa	ttatgtgctg	gctactgant	aanctggggg	catgacntta	660
ctggnttgac	ctaagnggng	aantcnaatg	tccgattgct	ggncctanc	cttaagnttt	720
gccatgaata	ggnccttttgc	cctaaaataa	naccccttt			759

<210> 3164

<211> 853

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (853)

<223> n = A,T,C or G

<400> 3164

ttttggancc	nttctttgan	ncttttcta	gctgggntac	tcgntctctc	tgcaggntcc	60
catcgattcg	aattcggcnc	gaggatcagc	ccacctcggc	ctcncaaagt	gctgggatta	120
caggcgtgag	ccaccttgcc	cagcccacat	catacagttt	gaaatgaaac	tttgccacaa	180
ccagcctttg	ctgtagcaca	cacatatatc	actgaacctg	tttgaaaataa	agtttttttt	240
ctttntcctc	tggtattctg	ggttctgaag	tctgggtatc	tggtattctg	ggttcaaaag	300
tatgacttga	gagtgttgct	ctggtattct	gagagttgct	ctgtattctg	ggttctgaag	360
attatttgaa	aaataactcc	tactacattg	aaatgcagac	ttaaaaattt	aaacattgga	420
ttangcagtc	aaaaaaacca	agcaagcata	aaaggtcaat	aagttgtaat	cttgatagta	480
aaggtggaaa	acttattata	aatggnaang	aaagttttat	ttcctttttt	gtttgaatgg	540
gcaagtatgc	catattatac	ccaaaagttc	ttttaaaaaa	atatttccca	ttcaacccat	600
ttttaattna	aaattaaaaa	cattttgnaa	gggaaanttt	acccaanggc	aanccttttt	660
tttctcccaa	aaaggttnac	cntgttnatc	cttctttttt	ggnaaattta	nccaccaatt	720
tttttaagg	ngggncaatg	gggnttaaaa	ntanccttgn	aagnnathtt	ttnanccttc	780
caggttttaa	antccccttg	gatnggggtc	taacctgggn	gggtngnata	naaaaaaata	840
nacctnttt	anc					853

<210> 3165

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 3165

gcgttctttg	aaagccctnt	tttgaaaggc	ttgcttctaa	ttacgggaaa	cctttgcaac	60
tgcagatccc	atcgattcga	attcggcacg	aggaccagag	tagaccagct	caagagttca	120
tggtctttgt	nacctcctg	tgagctctct	gtaagtcnnt	ttcttgccca	tcaccacatc	180
cctagtactg	gggtatcagtc	tggccacttg	gctttctggg	ttgcccacaa	gtggtctatt	240
cttgatgcag	ctaccaaagt	aatgttttaa	aaccattata	ccaagttact	atccttgtca	300
aaacccccag	taactgccaa	tctcacttag	aataaaaatc	ggactcctgt	gaagcacagc	360
ataaactggc	cactgcctat	gcagcaacct	catctttacc	gnttctctgc	ttgctcactc	420
ccttccagcg	ccgttattct	tcctgatgcc	cctagtacac	aacaactcct	tcctgtctca	480
agagtaggaa	aattactggg	ctctctgcca	gngagaancc	tcttctggna	ttacctttgc	540
ttcattgcng	aatcttctnc	aatatcatct	tctaaaaaga	gcctttttaa	aatcaccttt	600

nctatnatgc cctactcatt tccagtcctt gaaanggccca ttcccacttn antannactt	660
attgctaacn tgaaatacac taaatgnnan ccttcacatgaa nggtanggcc anttaaactgc	720
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<210> 3166

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3166

gcgttctttg aaagccctnt tttgaaaggc ttgcttctaa ttacgggaaa cctttgcaac	60
tgcagatccc atcgattcga attcggcacg aggacccagg tagaccagct caagagttca	120
tggttctttgt natcctcctg tgagctctct gtaagtcnnt ttcttgccca tcaccacatc	180
cctagtactg ggtatcagtc tggccacttg gctttctggg ttgcccacat gtggtctatt	240
cttgatgcag ctaccaaagt aatgttttaa aaccattata ccaagttact atccttgatc	300
aaacccccag taactgcca tctcacttag aataaaatcc ggactcctgt gaagcacagc	360
ataaactggc cactgcctat gcagcaacct catctttacc gnttcctgcc ttgctcactc	420
ccttcacagc cgtttattct tctgatgcc cctagtacac aacaactcct tctgctcca	480
agagtaggaa aattactggg ctctctgcca gngagaancc tcttctggna ttacctttgc	540
ttcattgcng aatcttctnc aatatcatct tctaaaaaga gcctttttaa aatcaccttt	600
nctatnatgc cctactcatt tccagtcctt gaaanggccca ttcccacttn antannactt	660
attgctaacn tgaaatacac taaatgnnan ccttcacatgaa nggtanggcc anttaaactgc	720
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<210> 3167

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3167

gcgttctttg aaagccctnt tttgaaaggc ttgcttctaa ttacgggaaa cctttgcaac	60
tgcagatccc atcgattcga attcggcacg aggacccagg tagaccagct caagagttca	120
tggttctttgt natcctcctg tgagctctct gtaagtcnnt ttcttgccca tcaccacatc	180
cctagtactg ggtatcagtc tggccacttg gctttctggg ttgcccacat gtggtctatt	240
cttgatgcag ctaccaaagt aatgttttaa aaccattata ccaagttact atccttgatc	300
aaacccccag taactgcca tctcacttag aataaaatcc ggactcctgt gaagcacagc	360
ataaactggc cactgcctat gcagcaacct catctttacc gnttcctgcc ttgctcactc	420
ccttcacagc cgtttattct tctgatgcc cctagtacac aacaactcct tctgctcca	480
agagtaggaa aattactggg ctctctgcca gngagaancc tcttctggna ttacctttgc	540
ttcattgcng aatcttctnc aatatcatct tctaaaaaga gcctttttaa aatcaccttt	600
nctatnatgc cctactcatt tccagtcctt gaaanggccca ttcccacttn antannactt	660
attgctaacn tgaaatacac taaatgnnan ccttcacatgaa nggtanggcc anttaaactgc	720
nttngcactg gnnaggcnaa gagaacaagc ancntggntt canaagn	767

<210> 3168

<211> 754

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3168

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cgaattcggc	acgagcggac	ccatcggagc	gtaacctgga	tctccgcagg	cctggcggag	120
gccggccacc	tggaggggca	ttgcttggtt	cgcgtggtag	cagaggagct	tgagaatggt	180
cgcattcttac	cacatacagt	tctttacatg	gctgattcag	aaactttcat	tagtctggaa	240
gagtgtcgtg	gccataagag	agcaaggaaa	agaactagta	tggaaacagc	acttgcctt	300
gagaagctat	tccccaaaca	atgccaaagtc	cttgggattg	tgaccccagg	aattgtagtg	360
actccaatgg	gacaggttag	caatcgacct	catgaaatag	aaattggaga	atctgggtttt	420
gctttattat	tccctcaa	tgaaggaatn	aaaatacaac	cctttcattt	tattaaggat	480
ccaaagaatt	taacattaga	aagacatcaa	cttcactgaa	gtaggtcttt	tagataaccc	540
ctgaacttcg	tgtggtccct	tgtctttggn	tataaatgct	gtaagggtgn	agccantaat	600
tntctgcaan	aagtangnca	gcacttttca	gtgatttgaa	tatcatcttg	gcttngangc	660
cangtggaca	accttggtcat	aactgacttc	tgaaaagaac	cctntngata	tttgatgcct	720
cnggtgtngg	tggaactgtc	atttantngg	anna			754

<210> 3169
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3169

tctgnmctnt	gtntccttgc	tctgtttctt	ttgcaggatc	cctcgattcg	aattcggcac	60
gaggactgga	gaagtcagaa	gtagaaaagc	agattgctag	gagagacagg	atgacagatt	120
ttggtcagaa	aatgggatat	tggagttaa	agtatcaa	acagaatagt	tccagatggt	180
cagagatcca	gcatgggatt	aggtagtcaa	atggattaga	actaaaagtc	actagaattt	240
agaaattgag	aaccatgaga	gtggatgcaa	tgacttggtg	cttgattgaa	aaataaatta	300
ataataataa	aggaccatga	gactagcctg	ttataggggt	tatctccatg	aacattgaat	360
tttcccagga	tcatagcagg	aattgggttag	agaaaaagat	tatgagaagg	tgccagagtc	420
ttcagtgaat	gtcaggaaat	taccaggaag	tcagcatatg	acagagaaaa	ggacagtatg	480
ttatctgcat	caaaggaaaa	tgtgcttttg	ttgaaaagta	cagaaaaagc	caataactaca	540
atactgtgct	aagcccctac	ctgtactcct	ctcccacagc	tgcatccag	ccctgtggta	600
taaaagggtg	gagaatgagc	ttttccacca	gaatcagcag	gtttagttaa	agcatgagca	660
gaacaagcat	nctatgaaga	gactgaggat	gtaggtgagt	ggtctaaatc	tcatnnaagg	720
acattgcagt	ngat					734

<210> 3170
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)

<223> n = A,T,C or G

<400> 3170

gaantccttn	nntttnaaat	cnttggctac	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gatctagata	ttgcccaatc	gctgcccaca	gtgcacatac	ctttccacca	120
gtcacatgtg	agagggcaga	ttttccaaat	gctcatcacc	acttggcact	gtgtggacta	180
taattttggc	cagttaggaa	atggcatctc	attgttttca	tcttaatttg	cgtcagcctg	240
attactcatt	gaaacttggt	aggttgagaa	acttttctta	agcttattgg	ccattcaagt	300
ttctctcttt	atgaaatggg	tgttcatgtc	atttgctcat	ttttatatta	gattgttttt	360
cttttttcca	gctgacttgt	aggaactcta	catcttatca	atattaatca	tttatcgaaa	420
actatttggg	tgccattatc	ttctcctagt	caatgttttt	tgtttgtgat	atcttttata	480
atatataagt	ttttaatggt	ggcagaagta	aagttaatct	ttttggctgt	gttgtgtgtc	540
ttgtttgatg	taaagatagt	ttctgtaata	gttttgcagt	ttgattgggc	atcttttaggt	600
cttcaattac	aacctgcaca	ttcatccctc	tatcctcttt	cttactctgg	ttttctccat	660
agcacttatc	atccaataat	atggcatgca	cttattttaat	ctggtttgca	tatatatttt	720
ngctggtacg						730

<210> 3171

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3171

nggnttcnnt	ctaactnaaa	cngttnggna	actcncctct	ntctgtngat	cccatcgatt	60
cgctaacaag	cgattctaaa	ccacctatga	gtatttcttt	tagggctcac	ttaaatacat	120
gtttgtatat	actgtattct	agccagaata	atttttagatc	tgatcaggta	gtagctaaaa	180
ttagaaaaaa	acaaaataga	tgtttaaaga	atttgcaccc	atttttgagt	ctaaatcttt	240
taaaatatac	tgagatccac	atctagtga	atgtcagtg	caaaatatta	tagattatag	300
ctaaaatcca	gattaatact	catttggggg	tttttatagt	ggaacttcat	agtaatacaa	360
aaagcagatt	gtcttctctg	ctccgctgct	cccacagtag	gtattgaaac	tggtaaaatc	420
agttttttga	tagtgtgtgt	atataagaaa	aaatagatac	acacattctt	ttttctcagt	480
caacacattg	attgaacact	ctggcaaaga	tgctgtgggt	gatgangttg	gagttcga	540
agaagaagca	agcgtgggcc	tgccttgaaa	gaacccgaaa	gtctttccca	ttcacttctc	600
tagaaagctg	ccaagacaga	ngcagaaagg	aaatggatga	tagttctgtc	aagcacactt	660
ctgntctcnt	agaacttaga	aatggttcta	agagaacaga	agttatngag	aacagttcnt	720
gtggaattca	acatcttggg	tgggaacncat	tggctttt			757

<210> 3172

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3172

cnaatncttg	ctcttgnctt	ntttcnaatn	cttggcnact	cgctttctnt	gcggatccct	60
cnnganncna	tcgttcgaat	tcggcacgag	cacaaggaga	agaaagttaa	ttaacattga	120
aagatgagaa	gacatcttgg	aagacttgaa	ttgggccttg	gaagaagaac	agccattcaa	180

atagatagaa	ttgtggtagc	aaaggcatac	ngntcggaaa	gtatagatct	ccaggggacag	240
tagtcatggg	gttggggcac	tgttggaatt	taaggttggg	aggatatatt	ggagcccctt	300
gaatacggta	acaaggcaca	ccttgggcag	tggagagtta	tcagagtgtt	tgaaaaggag	360
ggttattgag	taaataaata	gactgggtact	ttaggaattt	taaaatgttg	atcattgtac	420
tactaataac	tatntatttt	atatttacta	tctactaagt	aattttacatg	tatttttcttg	480
tactgactgt	aaaccttctg	ggtgtgggtg	ttttaagtgc	cattttactg	ataaagaaac	540
tgangcttaa	atagntgaaa	tanntcaccc	tgtagtgag	tggcacaatg	acaagtcann	600
atcttanggt	tgccnanntc	caaaanncat	ttaaanttnn	agnatnattg	annnttttnc	660
cttatggcnt	nnnaaatttg	gggagccatt	attgaaatcc	nttacnacnt	angaattgnc	720
caaaaaaaat	actttttggg	gaaaactgga	tttattaatt	atccaaaata	atttnantgg	780
cttgnttggc	ttntttccac	tntnc				805

<210> 3173

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (886)

<223> n = A,T,C or G

<400> 3173

cggnnnnnnn	gnagcccntt	tggnaaangc	ctctaaggga	aangcctttt	tgaaaacnan	60
angaaaacct	ntgggaaaag	nccncannna	ttttngngaa	annggcnnng	gcnnanantn	120
ggacacngtt	ntaannnnan	nagngnnngt	tttnnganan	agggnnnnna	gnngnannna	180
ngngnnggag	ggaannaagg	nanagnannn	ggnagnnaag	gnnnnaaaga	agnagnnang	240
gaganggnnn	gnngnggggc	atgangnggg	nncagaggca	cgaggagccc	aagaccatca	300
cngangagna	ngagcagggn	accnacatnn	acnnggacna	cgagaagngg	ggccagcgga	360
agaaggaagg	nagnacctng	agnaccgnta	ccaggaggan	cgggaccnac	agngacanag	420
gnccnnnncn	anacggannn	nanaaacngg	aagcaggann	nnnanggacc	aagggaaggg	480
nncnngnncn	ggaaaganng	ggagggaggn	ncgaaggcaa	aggggggann	cgnnannncc	540
aggaagnang	gaaggggggn	cgggaggnna	annganaaga	ngaaccnngg	gggnncaggg	600
gggagagggg	agcanaannn	nnccnnagnc	aanngaaggg	gananaagag	ngggaaaann	660
aannagaaag	agggaaaana	agnnaaggaa	anaaaagang	ngnnaannng	gganaaaaana	720
ngngganann	gnngganana	ngngnannan	aaaanngagg	aggncannng	gnaaanaana	780
nggggagggg	nganananag	ngaannagac	aaggaanagn	gaannagnng	anagnannng	840
gnannaaagg	nannggggna	anaagnanna	nannnnnagn	gaagan		886

<210> 3174

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 3174

gcttttnann	nccetncttt	cnaancctct	tcaaatcctt	ggntatcggt	ctntctgnng	60
gatcccacg	attcgaattc	ggcacgagag	acaaagaaaa	aggtggcaat	catagaagag	120
ttagtagtag	gttatgaaac	ctctctaaaa	agctgccggt	tatttaaccc	caatgatgat	180
ggaaaggagg	aaccaccaac	cacattactt	tgggtccnnt	nctacttggc	acaacattat	240
gacaaaattg	gtcagccatc	tattgctttg	gagtacataa	atactgctat	tgaaagtaca	300
cctacattaa	tagaactctt	tctcgtgaaa	gctaaaatct	ataagcatgc	tggaaatatt	360

aaagaagctg	caaggtggat	ggatgaggcc	caggccttg	acacagcaga	cagatttatac	420
aactccaaat	gtgcaaaata	catgctaaaa	gccaacctga	ttaaagaagc	tgaagaaatg	480
tgctcaaagt	ttacaagga	aggaacatca	gcggtagaga	atgtgaatga	aatgcagtgc	540
atgtggttcc	aaacagaatg	tgcccaggct	tataaagcaa	tgaataaatt	tggtgaagca	600
cttaagaaat	gtcatgagat	tgagagacat	tttataggaa	atcactgatg	accagtttga	660
ctttcatata	tactggatga	aggaagatta	cccttagatc	atatgtggac	ttattnaaac	720
tatgaagatg	tacttttnaca	gcatncattt	tacttcaagg	cagcaagaat	tgcttttaga	780
c						781

<210> 3175

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3175

gnttttnatn	cctctttcta	atnncttggc	tactcgnctc	ntctgnanga	tcccatcgat	60
tcgaattcgg	cacgagagat	tatgagcatg	tagaagatga	aacttttccct	cctttcccccac	120
ctccagcctc	tccagagaga	caagatggtg	aaggaactga	gcctgatgaa	gagtcaggaa	180
atggagcacc	tgttcctgta	cctcccggccg	ccgaacagtt	aaaagaaata	tacccaagct	240
ggatgctcag	agattaattt	cagagagagg	acttccagcc	ttaaggcatg	tatttgataa	300
ggcaaaaattc	aaaggtaaag	gtcatgaggc	tgaagacttg	aagatgctaa	tcagacacat	360
ggagcactgg	gcacataggc	tattccctaa	actgcagttt	gaggatttta	ttgacagagt	420
tgaataacctg	ggaagtaaaa	aggaagttca	nacctgttta	aaacgaattc	gacttgatct	480
ccctatttta	catgaagatt	tttgtagca	ataatgatga	agttgcggag	aataatgaac	540
atgatgtcnc	ttctactgaa	ttagatccct	ttctgacaaa	cttatctgaa	agtgagatgt	600
ttgcttcttg	agttaagtag	aagcctaaca	gaaggagcca	accacaaaga	attgagagaa	660
atnaacaact	gggccttngg	aaagaaangc	nggccaagct	gcttgagtaa	tagtcaganc	720
ctanggaat	gatntggta	atgaattcac	cccaggncac	accngttga	agagc	775

<210> 3176

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3176

tgnttcta	gctngctctc	gttctttctg	caggatccca	tctattcgaa	ttgatgagcc	60
ttattaacta	tcttttcatt	atgagacaaa	ggttctgatt	atgcctactg	gttgaaattt	120
tttaacttag	tcaagaagga	aaatttgatg	aggaaggaag	gaatggatat	cttcagaagg	180
gcttcgccta	agctggaaca	tgtagatatt	ccatttctaac	ataaagatct	ttaagttcaa	240
atatagatga	gttgactggg	agatttgggtg	gtagttgctt	tctcgggata	taagaagcaa	300
aatcaactgc	tacaagtaaa	gaggggatgg	ggaagggtgt	gcacatttaa	agagagaaag	360
tgtgaaaaag	cctaattgtg	ggaatgcaca	ggtttcacca	gatcagatga	tgtctgggta	420
ttctgtaaat	tatagtttct	tatcccagaa	attactgcct	tcaccatccc	taatatcttc	480
taattggat	catataatga	cccactcttt	cttatgttat	ccaaacagtt	atgtggcatt	540
tagtaatggg	aatgtacatg	ggaatttccc	actgacttac	ctttctgtcc	ttgggaagct	600
taaactctga	atcttctcat	ctgttnaaat	gtgnattaaa	gtatctacct	aactgagtn	660

tgantgtant gaaagaaagg ncatatntta aacnttgaat ttancaagcc cacnctcgna 720
 ttttatgncc tttcttttgc ctngggattg aanc 754

<210> 3177

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3177

tannnnnttnc	tntannnttt	ctgangccct	tntgcaggat	cccatcgatt	cgaattcggc	60
acgaggagat	ctctgggatg	tcagtgaggc	tggttgaaga	ccagaggtaa	actgcagagg	120
tcaccacccc	caccatgtcc	caggtgatgt	ccagcccact	gctggcagga	ggccatgctg	180
tcagcttggc	gccttgtgat	gagcccagga	ggaccctgca	cccagcacc	agccccagcc	240
tgccacccca	gtgttcttac	tacaccacgg	aaggctgggg	agcccaggcc	ctgatggccc	300
ccgtgccttg	catggggccc	cctggccgac	tccagcaagc	cccacagggtg	gaggccaaag	360
ccacctgctt	cctgccgtcc	cctggtgaga	aggccttggg	gaccccagag	gaccttgact	420
cctacattga	cttctcactg	gagagcctca	atcagatgat	cctggaactg	gacccacact	480
tccaactgct	tccccangg	actgggggct	cccangctga	netggcccag	agcaccatgt	540
caatgagaaa	gaaggaggaa	tctgaacctt	gggtaaggat	ttggggcaca	gtaccaggaa	600
gggggcttgg	tgccagacct	tatgaggaag	aaggattttc	ctatgtacag	agaangggac	660
cctgtnctgt	tgggaagtgc	ttgtgcaaac	ctaaccaagt	tactaaccac	tctgntttct	720
gtgctacaca	aaggggataa	att				743

<210> 3178

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3178

gatgtttnnn	annctgggtc	taatncttgg	aaanctncnn	ctttgttann	ngcnntttct	60
gcaggatccc	atcgattcga	attcggcacg	agcccagctg	gacctgggtg	ccctttccta	120
gtgcctctgc	tgggggagga	gaacctctgt	ccacgtggag	gctaggaggt	ctcagggtgct	180
gccctggcag	caccagagtg	tgggcccggc	ccgagtgtct	gcccctcggc	cctcagggtg	240
gggcacttag	caccagaag	ggacccaaaag	cagggcatgg	cggtgcagag	gagtttggga	300
ggtgtaaaca	gccccatgca	cgtggaggag	gagctggctt	tcagccccag	accccacgct	360
agcactttcc	acgtgcttg	cccgtgttg	atgtgcagtt	cccagtgcct	gtgtgagccg	420
acatctgctc	agtcctatcc	ctcgtcagcg	tgtggagacc	cagctcctgc	aagcccttct	480
gcttccacgc	ccccagacag	cttgggtggag	ggtcctgcat	ctggggccaag	ctgggggtgca	540
cccagccaaa	gacaaaagctg	ccttcacgtg	cccaaaggat	tcaagatggt	gcaactggccc	600
cgggaggagt	cttgacccaaa	aatgggagcc	cgctcttgtg	gggaaanccc	cgacttcccc	660
caccnanaaa	ccgntccac	ggtgcgggan	cttccccctt	ttcctttgtg	ggggcaacaa	720
nattggcctt	gggcnctttc	aattntnctg	gaagctttcc	tgggtgtngg	cttttgacct	780
taaaat						786

<210> 3179

<211> 765

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 3179
 gttgaantcc ttcctttcaa atngcttggc tactcgntct ntntgcagga tcccatcgat 60
 tcgaattcgg cagcagccca catgtaccag gttgagtttg aagatggatc ccagatagca 120
 atgaagagag aggacatcta cacttttagat gaagagttac ccaagagagt gaaagctcga 180
 ttttccacag cctctgacat gcgatttgaa gacacgtttt atggagcaga cattatccaa 240
 ggggagagaa agagacaaaag agtgctgagc tccaggttta agaatagaata tgtggccgac 300
 cctgtatacc gcactttttt gaagagctct tccagaaga agtgccagaa gagacagtag 360
 tctgcataca tcgctgcagg ccacagagca gcttgggttg gaagagagaa gatgaaggga 420
 catccttggg gctgtgccgt gagttttgct ggcatangtg acaggggtgtg tctctgacag 480
 tggtaaactg ggtttccaga gtttggtcac caaaaataca aaatacaccc aatgaattgg 540
 acgcagcaat ctgaaatcat ctctagtctt gctttccttg tgagcagttg tctttctatg 600
 atcccccagg aagtttttct aaagtnaaaa ggaaaattcc tagtggaatt cancccccaa 660
 gggaaaaaag ccacttgnc cacannagga agcnggntn ccccttngtt ccggcttaan 720
 ggccccttgt tcaggaaacc aactggggg ancttntttt ttttn 765

<210> 3180
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (783)
 <223> n = A,T,C or G

<400> 3180
 agttgaantn cttgctacnn aaaacctttg gcnactngct ctttntgnag gatcccatcg 60
 attcgcaaag atggtcgtat tactaaagggt gaataaccag cgcggnnngc acgtggagtc 120
 actggaacat ttgtgcaatg ctggtgggaa tgtcaaccgg tcgggccctc tgggaataagc 180
 ctggcagctc ctccaagagt taccgngtga cccancaatt ccactcctag ctccaccac 240
 aggaattgaa agcaaanacg caaacagatg cctgtncacc aaagttcacg gcagcatnct 300
 tcgncatagt ggcagcatcc gtcgtcacag cggcatcatc cttcatcata gcggcagcat 360
 ccgtcgtcac aagcggcagc atccttcgcc acagnggcan gcactctgtcgc tcacancggn 420
 agcatccttc gacaaagcgg cagcatnctt cgtnatagcn gcagcatcct ttgccatanc 480
 cggcaagggtg gaaaccctgt ccatccactg aggcgtgcat agactaaaca tgggcagtc 540
 agcactggaa ttccaagccg tacaacggng nccacngtca aaaangaatg aggaccctga 600
 ngcacctgng cnganaacaa gaacnngcga nnccaanact ttnnagacat tattgcctta 660
 agtngaaaaa cccagngcac caacgggaaa ccngaccgnc ntgnanccct gnttaacntt 720
 nantnngttn cccgaaaatg ggggcacntt nccaaaaagg ggaataaaag gggagaattn 780
 cct 783

<210> 3181
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3181

gntttgaaat	ncntntnntt	caaattncntg	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagna	atgcaaaggg	ctgcagttct	cattcaggct	actttcagga	120
tgcacagaac	atatattaca	tttcagactt	ggaaacatgc	ttcaattcta	attcagcaac	180
attatcgaac	atatagagct	gcaaaaattgc	aaagagaaaa	ttatatcaga	caatggcatt	240
ctgctgtggt	tattcaggct	gcatataaag	gaatgaaagc	aagacaactt	ttaagggaaa	300
aacacaaagc	ttctattgta	atacaaggca	cctacagaat	gtataggcag	tattgtttct	360
accaaaaagc	tcagtgggct	acaaaaatca	tacaagaaaa	atatagagca	aataaaaaaga	420
aacagaaagt	atttcaacac	aatgaactta	agaaagagac	ttgtgttcag	gcagggttttc	480
aggacatgaa	cataaaaaaa	cagattcagg	aacagcacca	ggctgccatt	attattcaga	540
agcattgtaa	agccttttaa	ataaggaagc	attatctcca	cattagagca	acagtagttt	600
ctattcaaag	aagatacaga	aaactaactg	cagtgcgtcc	ccaacaagtt	atttgtatac	660
agtcttatta	cagangcttt	aaagttccaa	aaggatattc	aaaaatatgc	caccgggctt	720
gccacactta	attcagncat	tctatcnaat	gccccagggc			760

<210> 3182

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3182

ggnnntnnna	gnntttgaan	tccctttntt	tctaattcta	ggctttctngt	tctttttgca	60
ggatcccatc	gattcgctca	gctgaggcaa	ttaaactgga	aaagaaatag	attgaaaaga	120
tactacagaa	gaagcagtac	agaagttggg	ggactgaagg	agagggagcc	actgcagggtg	180
ctagctgctt	aaggggatac	cagtcctttt	acagatataa	tagatacagc	ttctgagggtg	240
gaggggtgata	ggagtgtgta	gagaaattgc	agttcagaac	tggagcatgc	agttaggcaa	300
gagggcatccc	atgtgaagat	gtcaagcaag	tactggaaaa	tgctgaacta	aaactcaggg	360
atggatatgt	agatttagag	aacttcattg	tagaggcagt	cattgaaagc	taaaagggct	420
gataataaaa	ttgccaaagg	tggaaatagt	aagagggagt	cagtgttatt	aggattagaa	480
ttctgttttg	ttttttcttt	aaacagattc	tcgctctgtc	accctggctg	gagtgaagtg	540
gtgtgatctc	ggctcactgc	ggcctcgacc	tcccaggctc	aagttatcct	cccaactctc	600
agccttccaa	gtagctggga	ccacagccat	tcaaacacat	gcctgcctta	tgtttggatt	660
tttttgtana	aaccaagggt	ttgccatggt	tnccaggctg	gnctnngaac	ttctgggctt	720
aagccattcc	cccacccttg	ggtctcccaa	aatgctngcc	attatangg		769

<210> 3183

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3183

tgnttttaaat	cnttctaata	cttggetctt	gttctttttg	caggatccct	cgattcgaat	60
tcggcacgag	gtccgaagaa	aaagactgtg	gtggcggaga	tgctctctcc	aatggcatca	120

agaaacacag	aacaagtttg	ccttctccta	tgttttccag	aaatgacttc	agtatctgga	180
gcacccctcag	aaaatgtatt	ggaatggaac	tatccaagat	cacgatgccca	gttatattta	240
atgagcctct	gagcttcta	cagcgcctaa	ctgaatacat	ggagcatact	tacctcatcc	300
acaaggccag	ttcactctct	gacccgtgtg	aaaggatgca	gtgtgtagct	gcgtttgctg	360
tatctgctgt	tgttctcag	tgggaacgga	ctggaaaacc	tttcaaccca	ctgctgggag	420
agacttatga	attagtgcga	gatgaccttg	gatttagact	catctccgaa	caggtcagcc	480
atcacccacc	aatcagtgcga	tttcatgctg	aaggattaaa	caatgacttc	atctttcatg	540
gctctatcta	tcccaactg	aaattctggg	ggaagagtgt	agaacagAAC	ccaaaggAAC	600
catcaccttg	gagctncttg	aacacaatga	ggcatataca	tggacaaatc	cacctgctgt	660
gtgcataata	tcattgnggg	taaactgtgg	atcgaacagt	ntggcaatgt	ggaaattnta	720
accncagact	ggggacaaat	ntgtgttg				748

<210> 3184

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3184

ntgctttcna	atctttntaa	atgccttttg	cttctcgnct	tttctgcagg	atcccatcga	60
ttcgaattcg	gcacgagaaa	aagtaaagct	tttcatgagc	acaaatncct	tgcatgtgtt	120
gatgttactg	atattcgtaa	aatgaatatt	ttttgttttg	ttttgtttta	tttttttgag	180
acaagtcttg	ctttgttgcc	caggctggag	tgcaatggca	tgatcttgcc	tcactgcaac	240
ccctgccttg	cgagttcaag	tgattcttct	gcctcagcct	cctgagtagc	tgggattaca	300
ggcgtccacc	accacaccca	gctaatttct	gtatttttag	tagacacagg	gttttaccat	360
gttggccagg	ctggctctca	actcctgacc	tcaaactcct	cacacctgta	atctcagcac	420
tttgggaggc	tgaggtggaa	ggatcacttg	aagccagagt	ttgagaccag	cctgtgcaac	480
acagcaagac	cccgtctcta	caaaaactta	aaaaattagc	tggctgtggt	gttgctcacc	540
catagtcca	gctactcggg	aagctgagca	ntaagatcac	ttgagccan	gaggccnatg	600
cttncantga	actgtgattg	tttccantac	agnccacctg	ggtgacanag	taaanaaaan	660
gaaacattac	ataatttgcc	tagagcataa	taaattgatt	tctgggttnt	gaaattnnag	720
ttgccataaa	aggnntttna	atngnccant	tcant			755

<210> 3185

<211> 1009

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1009)

<223> n = A,T,C or G

<400> 3185

agcntttttt	ngaantcccc	ctttntttna	aaaatccccct	tttttggcaa	aaaattnccc	60
ccntntntna	nngttttttn	gatnccccca	tncnngaantn	tnccggcncg	ggnnactgnc	120
nannggcnc	cttcgggggn	ccngtgntaa	gncnatnctt	gtntntanaa	agntggnnnt	180
nttttncgat	ngngactatt	gncnacnctc	ttccntnttg	gcagngngtc	tgganggttg	240
nggtngctca	tntggntaan	ccnatecttg	ngaccaannng	gccgnggtgn	gcntgcaagc	300
tttgnccacn	tgggaaancc	gnnagtggtn	gtctcanttg	cntgntgggn	ncntgncccc	360
atcttgnctg	ctgnancctt	ggggagcagg	nnctnggtng	tggtnctgcc	tgcttgcctgc	420
tngttccccg	ggcatgcgtn	nncannaagg	gncatgcntn	gggcaanaag	gtgcgtggnc	480

anecgtnnngna	tnnnnaggac	caccntgggt	cgngaatcnn	tgggttncct	gataggaacc	540
ntnaannnct	gcngnttttta	ttaaattggga	nnananggggt	ncantttcaa	gccagtnnaa	600
tgcccttatg	gaangngtg	natnacatan	cnnntatgt	gtcntanann	angaaatcgt	660
tnnncaaatt	tnnacaanaa	tnntntaan	aaagggtatt	tnantntngg	tgaaanaaca	720
angnttttaa	gtnaaatgnt	tntancanaa	ttaantaaac	nggtnttnat	gattntcttac	780
naaantaacn	atncnnaagc	atttacngct	tanangtccn	cnngatactn	ncanaatatg	840
gnnnnaattn	tannanattng	cgataatctn	gnananactn	tcatnnnnna	tngtgtaatc	900
antanntacn	tgatttnnnt	naaatgaaaa	catntgatnc	aagattaatn	cattanntat	960
acnaaaatnt	tcanatanta	natntacata	taatgggttc	naataaacn		1009

<210> 3186

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3186

cggatnnctg	nagganngat	ngtagnancn	tcgctcnccc	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggaccaggt	agaccagctc	annagnnntt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagctc	180
ggccacttgg	ctttctgggt	tgccccaatg	tggntctatc	ttgatgcagc	taccaaagta	240
atgtttttaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300
tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actgggccac	tgnctatgca	360
gcaacctcat	ctttaccgtt	tcctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactggntct	480
tctgccagtg	agantccnct	tctgggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaatat	ggccctact	600
caaatttcca	agtcacctgg	naattggggc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nnnggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctgggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttgggggctt	caaaaaant	anggggcaac	cttcnaaana	840

<210> 3187

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 3187

gcgntnntat	tagcgtgggc	tcgntctcgc	tcnacncanc	nngngctggg	cgaattcggt	60
acgagaatca	gaggaggctt	cttcatcctt	caactccatg	atgaactcct	atatgaagtg	120
gcagaagaag	atgttggtca	ggtagctcag	attgtcaaga	atgaaatgga	aagtgtgta	180
aaactgtctg	tgaaattgaa	agtgaagtg	aaaataggcg	ccagctgggg	agagctaaag	240
gactttgatg	tgtaactgtg	ctgttgatga	agtcctccca	gggaagcctg	tgcagatgca	300
gtcacctgga	agaacagag	attccctttc	acctacctca	gcaaaacaaa	ctttcaagtc	360
ttgatagact	tagcctagta	attttatagt	gagagtgttc	aactatatat	caagtgtcta	420
tagcatcaaa	aacttctggg	ggcgtggggg	aaagtagaat	accaagtata	atagttacat	480
tcactttcaa	agagcatcta	tgaatttgcc	ttttgttaact	tactgtgggt	ttaaacatat	540

tcagaacaga	tgcttgaaat	atgcacttag	cacttttggt	ccacatctgt	ctgggtaaac	600
catgaagaaa	atgaagctgc	tgccccaatc	ganccagagc	agcagccata	ggcagataaa	660
gatttnggtt	cacccttggt	ggtgggaggc	atcgtgtgtg	cctttttttc	ctctaataatc	720
aattttacag	tccgggaan					739

<210> 3188

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (738)

<223> n = A,T,C or G

<400> 3188

gnnnngcgtt	cnaattncgn	ggnntctttc	tngccnanna	nnannngcgt	gngngaattc	60
ggcacgagac	tgttcatcct	aagttccact	ataaacaggc	tcatgactcg	ggcacagaca	120
cttcttgctg	gactttttcc	tatgatggta	atgtccttgc	ctctcgtgga	ggtgacgatt	180
cattaaaatt	atgggacatc	cgacaattta	ataaaccact	tttttcagcc	tcgggtcttc	240
ccaccatgtt	cccaatgact	gactgctgtt	tcagtccaga	tgataagctc	atagtcactg	300
gtacatctat	tcaaagagga	tgtggcagcg	gcaaacttgt	tttctttgag	cgtaggactt	360
tccaaagggg	gtatgaaata	gacatcacag	atgcgagtgt	tgttcgtctg	ctgtggcatc	420
caaagctgaa	ccagatcatg	ggttggaaactg	gaaatggatt	ggctaaagtc	tattacgacc	480
ccaacaagag	tcagagggga	gcaaaaattat	gtgtgggttaa	aaccancggg	aaggcaaaac	540
aagctgagac	tctactcagg	actacatcat	caccctcat	gccttgccct	tggtcccgctg	600
agccccgnca	acggagtaca	aaggaaacag	ctggagaagg	acagactgga	tccctgaagt	660
cgcattaacc	tgaacctcct	gtancangcc	cangtcgtgg	tggccgattt	ggaaccacag	720
ggggcactnt	tttttctc					738

<210> 3189

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 3189

tggggnnntnn	nttctaattg	tgggatgttc	taaangntgg	gctactcgtt	ctttccgcag	60
gancccntcg	attcgaattc	ggcacgagga	aagggtggcg	gcttctcacg	gctgagttgc	120
tgcgctgca	gacggaagct	ccccacaggc	agagctgctt	ggatgtgtga	gtcatgaagc	180
cagagaagcc	ccgtcccatg	agcagtgact	ccccaggccc	tgtgacctcc	ctcctgtctt	240
gcagctcctc	ctggcaccag	tccccagggc	tctcctgttg	gtagtccctg	cttttcttct	300
tggaaattcc	tcgtggacct	cgagatcttt	accctaaaat	agttctgttg	aatttcaccc	360
tggcaatgta	aattgatagc	ttatcttcac	agatgccaga	caatggacaa	ctcaccatca	420
gtcctctgct	cacctgagac	aaatgcatgt	ctgattgctt	cctctgccct	attgnttatg	480
tgaaaatgca	gattcactga	gccagactaa	ggcatcagtg	actgttcctc	tactgcctct	540
cacatggaga	ttgtgtattc	agtgaaggc	tgatcaaaga	ccccaaagga	atgcaccagt	600
ttatctctta	tctacctatg	acctgcgagc	tnccaccac	ccccagttgt	tgcgcctttc	660
cagacagaac	cagtgtcatc	ttacacgtat	taattggatg	tcctgngnct	tccttaatat	720
gtatcaaaac	aagctngcct	tgaacacctt	gggcacn			757

<210> 3190

<211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3190
 gnnngnnnnnn tttctaatagc ttgggnnnnn ngtcnatgcn taagagccan gcggnctcgaa 60
 ttcggcacga ggcggggcccg gccagcggaa gccctgcgc ccgcgccatg tcaaagaaaa 120
 aaaggactga gtgcagaaga aaagagaact cgcntgatgg aaatatatttc tgaaacaaaa 180
 gatgtatttc anttaaaaga cttggagaag attgctccca aagagaaagg ctttactgct 240
 atgtcagtaa aagaagtcct tcaaagctta gttgatgatg gtatggttga ctgtgagagg 300
 atcggaactt ctaattatta ttgggctttt ccaagtaaag ctcttcatgc aaggaaacat 360
 aagttggagg ttctggaatc tcagttgtct gagggagtc aaaagcatgc aagcctacag 420
 aaaagcattg agaaagctaa aattggccga tgttgaaacg gaagagcgac caggcttagc 480
 aaaagacttt cttcacttcg agaccaaaang ggaacagcta aaggcagaag tagaaaaaat 540
 ncaaagactg tgatcccgca agttgtngga agaaatcgcc aagcaaatna agtagcccaa 600
 ggaactgctt acagatggac tgattacata ttcgcaataa aatcttnggc ccaaagaaaa 660
 atttnggggt tgaaggaaaa ttaaatgtgt tngaaccttt tggaatttcc cgaaagactt 720
 ttgcctncnt ngacttaaaa tattttccatg gnggtgaaag gttgtccaan ctt 773

<210> 3191
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3191
 gnangnnngn ttcntagtgc ccgtgggagt cttagatncc ctaaaaaatt gntaatgctn 60
 ggtcggcacg agtcaaggcc tacgaaacag gtgatgcact accccgggcta cggttcccc 120
 atgcctggca gctnggccat gggcccggtc acgaacaaaa cgggcctgga cgctcgcgcc 180
 ntggccgcag atacctccta ctaccagggg gtgtactccc ggcccattat gaactcctct 240
 taagaagacg acggcttcag gcccggttaa ctttggcacc ccggatcgag gacaagttag 300
 agagcaagtg ggggtcgaga ctttggggag acggtgttgc agagacgcaa gggagaagaa 360
 atccataaca ccccccaccc aacaccccca agacagcaat cttcttcacc cgcttgcaac 420
 ccgttccgtc ccaaacagag ggccacacag ataccccacg ttctatataa ggaggaaacc 480
 gggaaaagaa tataaagtta aaaaaaaagc ctccggtttc cactactgng tagacttcct 540
 gcttcttcaa cacctgcaga ttctgatttt tttgtgttg gttgttctct ccattgctgn 600
 tgggtgcangg aagtcttact taaaaaaaaa aaaattttgn gagtgactcg gtgtaaaaacc 660
 atgttanttt taacagaacc nanaagggtt gncctattgg ttaaaaaaaaa aaaaaaaaaa 720
 aaacttngng cctttagaac tattanngag nccnatttac nttaatccan nct 773

<210> 3192
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3192

ttggantctt	ctcngaaacn	cttngcnatt	gcncntntctg	naggatccca	tcgattcga	60
ttcggcacga	ggttcttcaa	agccaaccaa	gacaggcttn	tnagtttttag	agcttcagaa	120
caaattgcca	aaagccagag	ttgtttatgc	tagtgcaact	ggtgcttctg	aaccacgcaa	180
catggcctat	atgaaccgtc	ttggcatatg	gggtgagggt	actccattta	gagaattcag	240
tgatttttatt	caagcagtag	aacggagagg	agttggtgcc	atggaaatag	ttgctatgga	300
tatgaagctt	agaggaatgt	acattgctcg	acaactgagc	tttactggag	tgaccttcaa	360
aattgaggaa	gttcttcttt	ctcagagcta	cgttaaaatg	tataacaaag	ctgtcaagct	420
gtgggtcatt	gccagagagc	ggtttcagca	agctgcagat	ctgattgatg	ctgagcaacg	480
aatgaagaag	tccatgtggg	gtcagttctg	gtctgctnac	cagaggttct	tcaaattctta	540
tgcatagcaa	tccaaagtta	aaagggtttg	tgccactagc	tcgagaggaa	atcaangaat	600
ggaaaaatgt	gttgtaattg	gtctgcantc	tacaaggaga	agctangaac	athtagaaag	660
ctttggaaaag	aaggccggng	ggagaaattg	aatgattttt	ggtttcaact	nccaaaaggt	720
gtgttgcnct	cccttctttg	aaaaaacatt	ttct			754

<210> 3193

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (856)

<223> n = A,T,C or G

<400> 3193

tggtgcngt	tcctattccg	tgctntcgtn	ctncnccagg	ancnangcgt	ntcgaattcg	60
gcacgaggaa	ggaggaccta	ggcacacaca	tatgggtggc	acaccagga	gggtagtggg	120
gagttagatt	tcagagtcca	ggccctaggt	tgggaccac	tccaaataat	ctcctcggtg	180
tggttggtgg	ttctatagag	ggataaatga	ataataaaca	ttgttaaaat	atacgaaaaa	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	anaanaaaaa	300
aaaananaaa	aatnaaaaaa	annanaaaaa	aaaaaaaaaa	aanncccttn	cncctaaaaa	360
nattcngggg	ggntttttcc	tccannccnn	ntntttaata	nnctncttnt	tgnntcttng	420
netcaccnnt	tcttttggtg	ggcnntaana	naaaatnttn	nttttttttn	ggntanaaat	480
ncnntnnng	ttttttntnn	ttttttttcn	aaaccctcct	ntntntanct	ncgtntcnaa	540
aaanntnttt	ntcenennnn	nttnntntnt	nctntttcta	ttttntnttc	ttntncaann	600
ttecnangtg	nnnngngtnt	nntgnggctt	gtttnttttt	ncnncctngc	gtcatccnnc	660
caataatttc	ttnnnccecc	nannccnnat	ttttntntnc	ctctatntnn	gnngngnnat	720
atnantcccc	tttattnttn	atnantagtc	ntntnttttn	ttntcctntg	tnatannatt	780
ttntntcccc	ntntaanttc	ctcannnnat	ttntntnnnn	ncngngntata	tttnangnta	840
nntcnnccgg	gttnct					856

<210> 3194

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3194

gtntngnnng	nggttnnatt	atatggntcg	nctnnctcna	nnancnangc	ttgngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgccctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggaactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaaatcctt	aggcttccac	gtgtggaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	gggtgtttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacgtant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatctt	attagcagaa	gatcactttc	660
accaatggtt	tgggctcttg	at ttggaatt	gatgatgtaa	tgagcctnta	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3195

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3195

cggatnncgt	nagganngat	ngtagnancn	tcgctcnccc	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggaccaggt	agaccagctc	annagnnntt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagtct	180
ggccacttgg	ctttctggtt	tgccccaatg	tggntctatc	ttgatgcagc	taccaaagta	240
atgttttaaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300
tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actgggccac	tgnctatgca	360
gcaacctcat	ctttaccgtt	tcctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgccct	agtacacaa	aactccttct	gcttcaaaga	gtangaaaat	tactggntct	480
tctgccagtg	agantccnct	tctgggnatta	cccttgctnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaatat	ggcccctact	600
caaatttcca	agtcccttgg	naattggggc	caatttcccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctgggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttgggggctt	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3196

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 3196

cggatnncgt	nagganngat	ngtagnancn	tcgctcnccc	tntgagnaag	ggngngcgaa	60
ntcggcacga	ggaccaggt	agaccagctc	annagnnntt	tttctttgtc	atcctcctgt	120
gagctctctg	naagtctctt	tcttgcccat	caccacatcc	ctagtactgg	gtatcagtct	180
ggccacttgg	ctttctggtt	tgccccaatg	tggntctatc	ttgatgcagc	taccaaagta	240
atgttttaaa	accatnatac	caagttacta	tccttgcaaa	acccccagta	actgccaatc	300

tcacttagaa	taaaatccgg	actcctgtga	agcacacata	actgggccac	tgncatgca	360
gcaacctcat	ctttaccgtt	tctgccttg	ctcactccct	ttcaagcgcc	gntattcttc	420
ctgatgcct	agtacacaac	aactccttct	gcttcaaaga	gtangaaaat	tactggntct	480
tctgccagt	agantccnct	tctggnatta	cccttgetnc	aattgctgaa	acttctncaa	540
atatcaacct	tctaaaaaag	agccctttta	aaaacaccct	tttctaata	ggcccctact	600
caaatttcca	agtcccctgg	naattggggc	caattttccc	caactttcaa	taagcaacct	660
taaatgggct	aatcctggaa	aattnacccc	cctaaaaang	gngcaancct	ttnaatggaa	720
nngggtaagg	gccaaanttn	aattnggncc	tntngngnna	cctggggnaa	anggncccta	780
ggaaggaaac	ccaagccaan	cttgggggct	caaaaaannt	anggggcaac	cttcnaaana	840

<210> 3197

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 3197

atccngttct	ntannnngtc	tngttctttc	tncacgaten	ntgcgattc	gaattcggca	60
cgaggggtcc	tggtgggagt	tccatccagc	agtgagtgc	ttttttcccc	agagcagtta	120
agggtcttat	taaaagccac	cactttgctg	aggcctgtac	aggccttggg	ggtttgggga	180
agagaantaa	ggcaggcact	tgtcccttca	gggagggact	tgccentact	gggaggtttg	240
gggttgacct	tggtccagc	agagataccc	agcctggcnt	ggaagggcag	gtccttgagct	300
tacgcttgag	tgcaagggca	agctgcaggc	ctcttctgcc	ttcccctgca	ttcaccaagg	360
acaagtagga	ccaagaagtc	aagggaagag	tgccaagata	gatctattcc	catttctttc	420
ttccacctgg	agaattcctg	agctatgctt	caaacctctt	ttgggccagg	gaaagactgg	480
gggacatttt	ttagtcaagg	atgctttaag	aaagtaaatt	cctgcttggg	ggcccaggcc	540
ttctttttca	agggttgct	tgtgaatgcc	caacaaaaaa	aaagggggccc	ccaaggccca	600
atcccttact	tctnnggtcc	ccccaaaaag	ggatnccaan	ttgggggaatt	gggaaaactt	660
gggcanncac	ccnaanccca	ctttggtagg	anttnaccaa	cccaaccaac	ccaaaaccan	720
cccacccaaa	ttnaaaaaaa	ggccaaaacc	accaaccaac	cnaaacccnn	annnnnnnnn	780
nannnnnnnn	nnnaaaaaaa	ctttgangcc	ttttaaaaaa	tntttngngn	ggn	833

<210> 3198

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3198

gtnnnnnttca	atgcttggt	ctttccnacy	naggatecca	tcgattegcc	aggctagtct	60
tgaactcctg	gcctcaagca	atcctcccac	ctcggcctcc	caaagtgtg	ggattaaagg	120
cgtgagccac	cgtacctggc	ccttggtgga	atctttaggg	ttttctattc	atacatataa	180
aatcatatca	ttggcaaaca	gagataattt	tacttnctcc	tttccaattt	ggatgcctta	240
gatttctttt	ccttgccata	ctgctctgtc	tagaactccc	agcactatgc	tgaatagagt	300
ggcaagagca	ggcatttgcc	ttgttcctaa	ccttagagaa	aaatccttca	gccttttacc	360
attgaggatg	atgtttgctg	ttagtttttc	ataaatgatc	tatatcaggc	tgaataaatt	420
tctatttcta	aaaaaaaaaa	ntncttnnct	ttanaaaaaa	tgctaaaaaa	aaaaaactcg	480
agcctttaaa	actatagnga	gtcgnnttac	gtaaatccag	acntgataag	atncattgat	540

gagtttggca	aaccacactn	naatgcagtg	aaaaaaatgc	tttatttgng	aaatttggga	600
tgctattgct	taatttgnaa	cccttttaag	ctgnaataaa	caagttaaca	acaccaatgg	660
attcatttat	ngttcangtt	cagggggagg	tntngnaggg	tttttaattc	cgggccnnng	720
gnccaaanca	ttt					733

<210> 3199

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (870)

<223> n = A,T,C or G

<400> 3199

nagttaanag	taggtcttgt	cttttgcaag	atcntancga	ttcgaattcg	gcacgagtat	60
ataacaactt	ttgctttcaa	agttgggtgg	gactagancn	cncantggaa	ggntggagtc	120
agganacctg	gattnttgng	cccgntntgg	nttttacagt	ntgcctaant	ttntgcagtn	180
acttcntgcc	ancctgtttc	nttacntnca	anagggaaaag	acantccttg	gccagcctag	240
ttttnagggt	gaacgaaagg	tcntntncac	tgcntcctct	agtcatttgc	ttcttcgnta	300
attaacacat	cttgagcacc	tgcnatgttc	caggaacagg	agatggcanc	gtgcaagata	360
aagtcacctga	cttctagaga	ctgcatgtta	gtggcaatcg	gcgtntaccc	ggccttnaat	420
aaactactga	atgaaggaaa	attctaccta	caccagacac	aattactggg	gtttctaaaa	480
tggaattatt	ccccggccc	cntgcatcca	gcagcctgnt	gcagggaaac	tcctccnaaa	540
ggcttgtaag	gcaaggaanc	cgggacaatg	gcntggctat	ttaagcttnc	aacaagatgg	600
ttaccacctaa	gtncctaatt	ccctaacacc	aagggggccc	ttaccagga	aaccaaacc	660
aggttaaaaa	accccaaagt	tgggnaaaaa	gccatttgcc	anccggggcc	nttttaaaaa	720
aaacctttna	aaaacctttc	ccttttaaaa	ctttaccttc	aagntaaaaan	tttaagggga	780
atgggnccaa	nttttttaac	canccccaac	aaaaanttng	gnaatttttt	ttcccnaaat	840
tttttnaant	tcccaaaatt	tnggaaaang				870

<210> 3200

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 3200

nagtttaann	gtatgtcttg	tcttttccaa	gatcctatcc	gattcgaatt	cggcacgaga	60
agtgtcagtt	ttcctaattct	cagtccaggt	aggattttaa	aanntntctca	agtgttgatg	120
ctntccaagc	ntgttgggg	ggaagggaat	tggtgcccag	aaaatgggac	tggagtggag	180
aatatctttt	cttttgagag	tnccccaggt	taatttntnc	tgtgcttnat	tgctnctgtn	240
ctttattgtg	aatgttgtaa	catttttaaa	atgttttgcc	ntagcttttt	aggacttggn	300
gttaaaggag	ccagtgggtct	ctctgggtgg	gtntctataat	gagttattgt	gaccacacagc	360
ttgtgtggga	ccacatcact	tgtaataaac	acaaccttta	aagtaaccca	tcttcagggg	420
gggttccttc	atgttgccac	tcctttttta	nggacaaact	caggcaagga	gcatgttttt	480
tngtnattta	caaaatctan	cagactgtgg	gtatccatat	ttnaattgtc	gggtgacaca	540
tgttcttggt	aactaaactc	aaatatgtct	ttctcatata	tgtgctgatg	gttttaataa	600
atgtcaaagt	tctcctgtta	aaaaaaaaaa	aaaaaaaaac	tcgagccttt	anaactntnt	660
gagtcgtnta	cntagatccn	gacatgataa	gatcatgatg	agtttggaca	accncaactng	720
aagcagtgaa	aaa					733

<210> 3201
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3201
 gatgccgggt cctatgatgn gctctcggtt tcctaggagt tccaanactn ggctngcncg 60
 aggnctnta aatatatctn ggntttanta ggtgataagt nctgtcantt agtancatct 120
 gaaaaancag ctttgtcctg ggtgaaaaag gatgccaaaa ttgcctggaa aagagcagtg 180
 anaggagtcc gggagatgtg tgatgcntgt gaagcancat tgtttancat tcaactgggtc 240
 tgccaaaaat gtggatttgt ggtctgctta gattgttnca agggcaaagga aaggaagagt 300
 tctagagata aagaactata tgcttggatg aagtgtgtga agggacagcc tcatgatcac 360
 aaacntttta tgccaaccca aattatacct ggttctgttt tgacagatct tctagatgcc 420
 atgcacactc ttagggaaaa atatggtatt aaatcccat gncattgtct aacaaacaga 480
 atttacaagt tggaaatttt cctncatgaa tgggtgtatct caagtttaca gaatgtctta 540
 atcacagtat aaaattctct gngcatgcct gagtctcagc gccaaaatcc tccctccgaag 600
 tctgagaaaa atggtggcag cnnccccana aagtgatgtt nggcnccaga ttaccagggtt 660
 aacttctctc agaatnccag tcaccactgn actggntagc anatcttgcc gagccaaaaa 720
 gccnnaagng ggaaaaaaaa aaaaaaaa 748

<210> 3202
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3202
 ggnnnnnngn ngntnnegtt cctattant caggngctcg ntctntctcn annnancnng 60
 gcgtgtncga attcggcacg aggattttcg aaactcttca gctacttgcc cttttttatc 120
 tgaaaccatc ataccttctg aaagaaaaaa gcatatcttc attgacataa cagaagttag 180
 atggcccagt cttgatacag atggtccatg atatatatgg agagtggcat tgtgaagata 240
 acatctttag atggtcatgc atacctctgc ctgcccagat ctcagcatga atttacagta 300
 cattttttgt gtaaagttag ccagaagtca gactcatctg cagtgttgct agaaacaaat 360
 aataaagccc caaaagataa actagttaga aaaactggca aaatctgtat acgtggaaat 420
 ttaccaggac agagactgaa gaataaagaa aatgagtctt attgccagat catgaaatcc 480
 aaagaaactt taaagaagat gagttgtgta aatggaactg aagggagggg aagaactgcc 540
 ttcgcctggt acaaagcaca catgtgtata cacatgggtc aagcagtgtt ggtctgtggc 600
 tgnctgtcca gangaatgga aatatccttg gcttttagcac ttcattttca taataaaatc 660
 agcaattntg tctaaaaaaa aaaannnana aaaaactnga gcctntanaa ctntagtgag 720
 tcgtattacg tagatncnna catgataa 748

<210> 3203
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 3203

ctaaatgctt	tggganagnn	ncccccttga	ancctntnaa	atcctttggc	aanttgcnc	60
cncgtgngga	tcccacgat	tccaattcgg	cacgagagac	agggagaaga	gaggaagagg	120
gagctgcagg	tcccagaaga	gaacagggcg	gactctcagg	acgaaaagag	tcaaaccctt	180
ttgggaaaat	cagaggaagt	aactggaaag	caagaagnca	nggtctaaag	gagaaagggg	240
tcccagtcag	cgggcaggag	gcgaaagagc	cagagagttg	ggatgggggc	aggctggggg	300
cagtgggaag	agcgaggagc	aggggaagagg	agaatgagca	tcatgggcct	tcaatgccc	360
ctctgatagc	ccctgaggac	tctcctcact	gtgacctgtt	tccaggtgcc	tcatatctcg	420
tgactcagat	tcccgggact	cagacagagt	ccagggctga	ggaactgtcc	cccgcagctc	480
tgtctccctt	gctagagccc	atcagatgct	ctcaccagcc	cattttctcta	cngggctcct	540
ttttgactga	ggagtcacct	gacaaggaaa	aactttctatc	agtactttga	tatgtcacag	600
tttcatgttt	atccagttca	atgtattttt	aaatttttcc	ttgagacttc	tttgactgat	660
agattattgt	gaagtgtgtt	tttaaaattt	ncaaattgtt	aagggaattt	catatctttc	720
ttaatgctga	tttccaattt	ggattcccta	caatgattct	gggattcatc	tgctctggac	780

<210> 3204
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = A,T,C or G

<400> 3204

tcttttaaatg	cttttttnc	gccttgtttn	aaatcctttg	caggatccca	tcgattcgaa	60
ttcggcacga	gactaccccg	gctacgggtc	ccccatgcct	ggcagcttgg	ccatggggcc	120
ggtcacgaac	aaaacgggcc	tggacgcctc	gcccctggcc	gcagatacct	cctactacca	180
gggggtgtac	tcccggccca	ttatgaactc	ctcttaagaa	gacgacggct	tcaggcccgg	240
ctaactctgg	caccccggt	cgaggacaag	tgagagagca	agtgggggtc	gagactttgg	300
ggagacgggtg	ttgcaagaga	cgcaaggag	aagaaatcat	aacaccccca	cccnaacacc	360
nncaagacag	cagtcttctt	cacccgctgc	agccgttncg	ttccaaacag	agggccacac	420
agaatacccc	acgtttttat	ataaggagga	aaaccggnaa	aanaatttaa	aagttaaaaa	480
aatanccttt	cngttttaca	ctactgntgt	agactcctgn	tttcttcaan	cacctgnaga	540
ttcttgattt	ttttgtgtt	gatgntctct	ccattgcttg	tngtttgcnt	gggaantttt	600
atttaaaaaa	aaaaaaaaatt	cttgtgagtn	gactttggnt	tttaaaccan	tgntagattt	660
taacngnacc	cttaatgggt	tgtacntata	tgntttnaaa	acatgnnaan	aaatatttaa	720
tgtaaagggnn	ctgttnntaa	atntaaccac	ntanagaant	tnnaaanann	ttnanccctt	780
tagaacnatt	nntgng					796

<210> 3205
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3205

ttttaatacn	tttttnaatn	cttgcttncg	ntccttttgea	ggatcccatc	gattcgaatt	60
cggcacgaga	gcaattccac	tcctagctcc	accacaggt	aattgaaagc	aaagacgcaa	120
acagatgcct	gtgcaccaa	gttcacggca	gcatecttcg	ccatagtggc	agcatccgtc	180
gtcacagcgg	natcatcctt	catcatagcg	gcagcatccg	tcgtcacagc	ggcagcatcc	240
ttcgccacag	cggcagcatc	tgctcgtcaca	gnngcagcat	ccttcgccaa	agcggcagca	300
tccttcgtca	tagcggcagc	atccttttgc	atagcggcaa	ggtggaaacc	ctgtccatcc	360
actgagggcg	gcatagacta	aacatggcca	gtccaggcac	tggaatccag	gccgtanaac	420
ggngcccacn	gtcaaaaagga	atgagaccct	gatgactgg	gcgacacaga	cgggcgacac	480
agacttgagg	acatcatgct	aagtgaaaag	ccaggcacac	ggagcggacg	gggtgatcct	540
gctcacgtga	tgtgtcccga	atgggcacnt	tcagagggga	agaanggaga	tggcgcttga	600
cngtgnccgg	gacnggggtt	gggagcgacc	ggttggttgg	ttnggggttc	ttctnggggt	660
gaaggaaatg	tttttgatat	tggggccggt	tgggtgatnt	ttgcattacc	ctttgaaat	720
gcttanaacc	cnctagaaat	tgnnacactt	tttaaantgn	ttggaaatt		769

<210> 3206

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3206

tgttctaata	ctaggtnctac	tcgccttttg	caggatctna	tcgattcnaa	ttcggcacga	60
ggggtcctgg	tgggagtnnc	atncagcagn	ganngcattc	tttcncaca	ncagtnaacg	120
gtcttattaa	nagccaccac	tttntgang	cctgtacagg	ccttgnggt	tnngngaaca	180
gaaatnncgc	aggcacttgt	accttcaagn	anggacttgt	gcctnactgn	naggggtggc	240
gttgaccttg	gctcnacnga	cataccant	ctgacttnna	acngcncgt	ctnagcttac	300
gctagactgc	acnnccaagn	ttgcangcct	nttntgnctt	ccctgcattn	accaatgaca	360
gtacgaccaa	cagtcaanga	aaagtgccaa	gatatatcta	tcccatttct	tctacacctg	420
tanattcctn	actatgctca	aactatgtgg	ngcaangaan	actggngac	atttttagtc	480
aatgatgctg	acaattaatt	actggtgngg	ccaggcatat	nttcacggct	gcttgatgatg	540
ccaacnaaga	acggggcccca	gcccatcctt	actcctngnc	cccaaanaga	tccagtngga	600
atgggaagct	gnnannacca	acccaactnn	tgattttacca	ccaacnccaa	anatcacgca	660
tgnnnacagc	aaaacaacaa	cncnatgcac	ttaacaagna	nccnaaaant	naactcngnc	720
ctctaaaact	attngggant	cctttanct				749

<210> 3207

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 3207

gnatgncccg	atttccttaa	tgatggggnn	nnnnngagcg	anncttccga	aantccaat	60
annctggng	ntcgcaactc	nctcnanaca	gnaaggncgn	gggctttgct	ctctccattc	120
caagttgntc	tctgttctag	aaagcagatg	tagtagacat	ctactgttgt	tgctgaaca	180
gaatcccttt	gtcctttttt	tgntaaaagt	actcatccct	aatattcatt	gtncgtggaag	240
gactgaaaat	acagaactca	caccatgatc	ggccgggaca	atcagattat	ttcatccnc	300
agcaaacgga	gatcganccg	aaaagtggaa	anatgagcnc	ttctttggng	ttggcatatg	360

gaccctgaga	gaaagaactn	tnattntttc	tcttggactg	caataaagta	tagctgccta	420
aaatacgnnt	cctgacactt	ggaggnttgt	ccacaatcgg	ngaaataaag	gcgagaccgn	480
acactggatg	aaaaaaanaa	gnnnccngnn	gaanacccac	tnnnccannn	nccnnnccnn	540
tnncnccann	ngancnenn	tanccgnnan	nagggcnnng	cnntngcnnc	nnngccnnnn	600
nnnnnnnggg	aaaccennnn	gnnnnnccnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnngnnctnn	nnnnnnnnnn	ccnnnnccnn	cnnncnccnn	nggnaanncc	nnnnnnnnnn	720
annnnnggg	nnnnnnnnnn	ccnnnnnnnn	cannnnnnnn	cnnnnngggn	nnnnnnnnnn	780
nnnnnnnnnn	ncnngngnnn	acnnnnnggn	nnnnccnnnn	nnnnnnnngg	nnnnnnnnnn	840
nnnncccc						848

<210> 3208

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3208

tgggnnnngnn	ccnaangcng	gggannnggt	ccccgttcca	anactggaan	ncttggcann	60
cgaactcgct	cnannagnaa	ggccgggnga	attcggcacg	aggccccgct	ccatgagcag	120
tgactcccca	gctcctcctg	gcaccagtec	ccagggtctt	cctgttggtg	gttcctgctt	180
ttcttcttgg	aaattcctcg	tggacctega	gatctttacc	ctaaaatagt	tctgttgaat	240
ttcaccctgg	caatgtaaat	tgatagctta	tcttcacaga	tgccagacaa	tggacaactc	300
accatcagtc	ctctgctcac	ctgagacaaa	tgcatgtctg	attgcttctt	ctgccctatt	360
ggntatgtga	aaatgcagat	tacttgagcc	agactaaggc	atcagtgact	ggtcctctac	420
ctgcctctca	catggagatt	gggtattcag	tgaaaggctg	atcaaagacc	caaagggaatg	480
caacagttta	tctcttatct	acctatgacc	tgcganctgc	caccaccccc	agntggngcg	540
cctttccaga	cagaaccagt	gtacatctta	caggtattaa	atngatgtcc	cnggggctcc	600
cnaanangna	tcaaacaagc	ngggcctega	ccaccttggg	cacatatccc	nanggacatc	660
annctggagg	ctngngncac	tggcattggc	cctnaccctn	ggcaaaataa	accttctaaa	720
attggnaaaa	aanaaanaan	aaaaacctng	nnccctntna	naacnntacg		770

<210> 3209

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 3209

gtgatctttn	tgagtggggg	ccntnctngc	tctannan	aggttnggng	ggctagcgat	60
ttctacctgc	gctactacgt	agggcacaag	ggcaagtttg	ggcacgagtt	tctggagttc	120
gaatttcggc	ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	180
gatgatcaga	aaagagctta	tgtgcacaag	agtgtaatgg	aagaactgaa	gagaattatt	240
gatgacagtg	aaattacaaa	agaagatgat	gctttgtggc	ctccccctgat	aggggttgcc	300
gacaggagct	tgaaattgta	attggagatg	agcacatata	ttttaccaca	tcaaaaatag	360
gttctcttat	tgatgtaaat	caagtcaaag	gatcctgaag	gccttcgagt	attttactat	420
ttgggtacaag	acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	480
ccaattttaa	ttgtatgttt	tcaagctggg	tgnatattta	attaaaggga	tgggaagggg	540
ttattttgtca	tttacagtat	tgggggttta	tgaatgtgaa	gcaacccaaa	aaaattnnaa	600

tgtaaaactg	gaaaatagga	aaattcatta	ncagcttaat	gggtatcctt	acttgatncn	660
ctggggttgg	aagtccccac	acacattaaa	tctgtaatga	aancnctttt	ggttaaaatt	720
tctctat						727

<210> 3210

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 3210

gnngctancc	tttctatta	nnttgganct	ntnttctntc	tncangtanc	nnntgcnctg	60
ncgaattcgg	cacgaggatt	ttcgaaactc	ttcagctact	tgcccttttt	tatctgaaac	120
catcatacct	tctgaaagaa	aaaagcatat	cttcattgac	ataacagaag	tgagatggcc	180
cagtcttgat	acagatggta	ccatgatata	tatggagagt	ggcattgtga	agataacatc	240
tttagatggg	catgcatacc	tctgcctgcc	cagatctcag	catgaattta	cagtacattt	300
tttgtgtaaa	gttagccaga	agtcagactc	atctgcagtg	ttgcagaaca	aataataaaag	360
ccccaaaaga	taaactagtt	gaaaaaactg	gcaaaatctg	tatacgtgga	aattttaccag	420
gacagagact	gaagaataaa	gaaaatgagt	ttcattgcca	gatcatgaaa	tccaaagaaa	480
ctttaaagaa	gatgagttgt	gtaaatggaa	ctgaagggag	ggaagagctg	ccttcgcctg	540
gtacaaagca	cacatgtgta	tacacatggg	tcaagcagtg	ctgggtctgtg	gctgcctgtc	600
cagangaatg	gaaatatcct	ttgncttttag	cacttcattt	tcataataaa	atcagcaatt	660
tgtctaaaaa	aaananana	aaaaaaactc	gagccctnta	naactntngt	gaggccnant	720
tacgttgaat	ccagacntga	ttat				744

<210> 3211

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3211

gtntngnnng	nngttnnatt	atatggntcg	nctnnctcna	nnancnangc	ttgngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgcctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggaggccctc	accagacgcc	agtgccatgt	tcttggaactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaatcctt	aggcttccac	gtgtggaaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	gggtgtttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacgtant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatctt	attagcagaa	gatcactttc	660
accaatgggt	tgggctcttg	atgttggaatt	gatgatgtaa	tgagccctnta	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3212

<211> 763

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3212

ngggtgnnnn	nnttttcta	nctgggggnc	nntnnnnnn	ntttccta	ncttaggngc	60
tcgttctttc	tccangcagn	nnngcgtttc	gogacagctc	tccaatactc	agggttaatgc	120
tgaaaaatca	tccaagacag	ttattgcaag	agtttaattt	ttgaaaactg	gctactgctc	180
tgtgtttaca	gacgtgtgca	gttgtaggca	tgtagctaca	ggacattttt	aagggcccag	240
gatcgttttt	tcccagggca	agcagaagag	aaaatgttgt	atatgtcttt	taccgggcac	300
attccccctg	cctaaataca	agggtctggag	tctgcacggg	acctattaga	gtattttcca	360
caatgatgat	gatttcagca	gggatgacgt	catcatcaca	ttcagggcta	ttttttcccc	420
cacaaaccca	agggcagggg	ccactcttag	ctaaatccct	ccccgtgact	gcaatagaac	480
cctctgggga	gctcangaag	gggtgtgctg	agttctataa	tataagctgc	catatatattt	540
gtagacaagt	atggctcctc	cgtatctcct	cttcctagga	gaggagtgtg	aacaaggagc	600
ttagataaga	caccccttaa	acccattccc	ttttccagga	gacctaccct	tcacaggcac	660
aggtcccca	atgagaagtc	tgctacctca	ttttctcatct	ttttactaaa	ctcaaangca	720
ntgacagcag	tcaggggacag	acattcattt	cttnatacct	tcc		763

<210> 3213
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 3213

gnagnnecgn	ttcttatgat	cgtggctnct	cntctanngg	ttgtgtaatg	ctnggtcnnc	60
angannnnnt	gcganncgaa	ttcggcacga	aggggggttc	ccaatagtag	aaaagggtcc	120
ccattcctgc	tcagcaccgc	acctctctac	ccccccacag	acacacatgc	agacacacac	180
atgcagacaa	cacgcagaca	cacacatgca	ggcactcaca	tgcaggccca	tgacacacac	240
cgtgcacaca	catgcagaga	catgcagaca	cgcaggcaca	catgcacaca	tgcaaagaca	300
cgcacgcagg	cacacgcaga	cgcacacaga	gacacacatg	cagatcacat	gcacacacac	360
atacacacac	tgggccctgt	ttttctgtgg	tgtcactggg	tgccagcaac	tcggtatctn	420
ccaccttcca	ctaaaacctg	ggccttaatt	tctctccgt	ccccaccct	aaattcctga	480
tggatgaacc	tagagctgtc	ctgtccactc	caggccggac	tgacgtancc	tatggggcca	540
gcagggtccag	ggccacggtt	ttaattttctt	tttnaaaagc	tttaggtctt	ggccnggccg	600
ccggtgggttc	acgccttggg	agttcccagc	atTTTTnngg	aaggccnaag	gccgggttgg	660
attcacaag	gtcaagcaag	tttcaaggaa	ccaagccttg	aaccaggcca	ttgggtgagg	720
aacctgggc	ttnttactng	ggnaaattcc	caaaaaaaaa	ttggccttgg	gccnaagggt	780
gggcaagggc	acccttggtg	gggtcccca	antttacct			819

<210> 3214
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

<400> 3214

gnagnncggn	ttcttatgat	cgtggctnct	cntctanngg	ttgtgtaatg	ctnggtcnnc	60
angannnnnt	gcganncgaa	ttcggcacga	aggggggttc	ccaatagtag	aaaagggtcc	120
ccatttcctgc	tcagcaccgc	acctctctac	ccccccacag	acacacatgc	agacacacac	180
atgcagacaa	cacgcagaca	cacacatgca	ggcactcaca	tgcaggccca	tgacacacaca	240
cgtgcacaca	catgcagaga	catgcagaca	cgcaggcaca	catgcacaca	tgcaaagaca	300
cgcacatgcag	cacacgcaga	cgcacacaga	gacacacatg	cagatcacat	gcacacacac	360
atacacacac	tggccctgt	ttttctgttg	tgtcactggg	tgccagcaac	tcggtatctn	420
ccaccttcca	ctaaaacctg	ggccttaatt	tctctcccg	ccccaccct	aaattcctga	480
tggatgaacc	tagagctgtc	ctgtccactc	caggccggac	tgacgtancc	tatgggcccc	540
gcagggtccag	ggcccacgtt	ttaatttctt	tttnaaaagc	tttaggtctt	ggccngggccg	600
ccggtgggttc	acgccttggg	agttcccagc	atttttnngg	aaggccnaag	gccgggttgg	660
attcacaaaag	gtcaagcaag	tttcaaggaa	ccaagccttg	aaccaggcca	ttgggtgagg	720
aaccttggggc	ttnttactng	ggnaaattcc	caaaaaaaaa	ttggccttgg	gccnaagggt	780
gggcaaggggc	acccttgttg	gggtccccaa	antttacct			819

<210> 3215

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 3215

nggnnnnttnn	nnnnnatncc	ntgatcgtgt	ntcgttcttt	ctncaggatn	nnntcgtttc	60
gaattcggca	cgaggaaaag	ggagccgcgc	agngcctacg	ggagtncggc	ggcagcagcc	120
ggtaccggca	accacgggca	gctctcaggg	aatctccgtc	gttgaggcca	naggctccag	180
tccccgcgag	tccagatgcc	tgtccagcct	ccaagcaaag	acacagaaga	gatggaagca	240
gaggggtgatt	ctgctgctga	gatgaatggg	gaggaggaag	agagtgagga	ggagcgganc	300
ggcagccaga	cagagtcaga	agaggagagc	tccgagatgg	atgatgagga	ctatgagcga	360
cgcgcancn	agtgtttcag	tnagatgctg	gacctggaga	agcagttctc	ggaagctaaa	420
nggagaagtt	gttcaaggga	acgacttgan	tcanctgccg	gnttgccggc	tggaaggaaa	480
ntggggggggc	ttgaanaaga	agcccctgga	atnccaccgg	aagccccctt	ttggggggggg	540
gccttgcaaa	ccgggaancc	ctttnaaagg	aatttcngcc	antttcaang	gttggggccaa	600
ggggaatcnt	accnaagggg	ccttctnngc	cttgggnatg	tgaatccang	gnaaattaag	660
gtncccaatt	gntgaancct	tccaanggga	ancccaaacc	agcacccttg	naanaagttg	720
agaaaacttg	cttgcntctt	ntgacacccc	tncnaggggg	aacttcaagg	aaccggttcc	780
tnaggcttgg	aaggaggacc	cccananccc	tggancctaa	attnttaaat	gggtnggacc	840
accn						844

<210> 3216

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3216

gtntngnnng	nngttnnatt	atatggntcg	nctnnctcna	nnancnangc	ttgngctgac	60
aacttgattg	ggttctcctt	caggtttgaa	gcgccctcna	gaagtgtcta	aaggagacag	120
ttgatagcca	aacaacagtt	ttggattcac	tgactgatta	tgaaagaagc	agtagactgg	180
tatcaagaat	cagtcagcaa	ggagggcctc	accagacgcc	agtgccatgt	tcttggactt	240
ctcagcctcc	atattcatga	actaagtttt	tggaatcctt	aggcttccac	gtgtggaaag	300
cctgagctaa	cctactggag	gatgagccat	cacctggagc	agattcaggc	catcctagtt	360
gaagcctccc	taggccaagc	aaccgtccaa	ctaccagaca	ttgaccattc	agccttgaac	420
attcagcaca	aagacaaaac	agaccagacc	agaagagtcc	cacagaatag	gggaaactat	480
tcagagaaaa	cttaagccac	taagttttat	ggtgttttgt	tcttgtagcc	agaagcatag	540
gcatactggc	caatacaaac	cgaaatcctt	ctaacgtant	ggaccctttt	caggccagca	600
ttttttccct	tgaaaacctg	ggagccttgt	attccatctt	attagcagaa	gatcactttc	660
accaatgggt	tgggctcttg	at ttggaatt	gatgatgtaa	tgagcctnta	ttcnanatgn	720
gacttaatac	ctctgcgaat	tgactggatt	ccn			753

<210> 3217

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3217

ttggantctt	ctcngaaacn	cttngcnatt	gcncntctcg	naggatccca	tcgattcgaa	60
ttcggcacga	ggttcttcaa	agccaaccaa	gacaggcttn	tnagttttag	agcttcagaa	120
caaattgcca	aaagccagag	ttgtttatgc	tagtgcaact	ggtgcttctg	aaccacgcaa	180
catggcctat	atgaaccgtc	ttggcatatg	gggtgagggt	actccattta	gagaattcag	240
tgattttatt	caagcagtag	aacggagagg	agttggtgcc	atggaaaatag	ttgctatgga	300
tatgaagctt	agaggaatgt	acattgctcg	acaactgagc	tttactggag	tgaccttcaa	360
aattgaggaa	gttcttcttt	ctcagagcta	cgttaaaatg	tataacaaag	ctgtcaagct	420
gtgggtcatt	gccagagagc	ggtttcagca	agctgcagat	ctgattgatg	ctgagcaacg	480
aatgaagaag	tccatgtggg	gtcagttctg	gtctgctnac	cagagggttct	tcaaacttta	540
tgcatagcaa	tccaaagtta	aaagggtttg	tgccactagc	tcgagaggaa	atcaangaat	600
ggaaaaatgt	gttgtaattg	gtctgcantc	tacaaggaga	agctangaac	atttagaaag	660
ctttggaaaag	aaggccggng	ggagaaattg	aatgattttt	ggtttcaact	nccaaaaggt	720
gtgttgcnct	cccttctttg	aaaaaacatt	ttct			754

<210> 3218

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 3218

tggtgcccgt	tcttantctg	ngctctcgtc	ttcctttetta	tacctgggca	ncncttggcg	60
gccccnaggn	tcccangnag	ccnngcngng	ncngattcgg	cacgagattc	caaaggtttc	120
aaagaacttg	gtcataaata	tgataatgag	aagacaaagt	at ttatatta	aaacagttta	180
gtagccttca	gtttttgtgaa	aatagttttc	agcacagaaa	ctgacttctt	tagacaaagt	240
tttaaccaat	gatggtgttt	gcttcttagga	tatacacttt	aaaagaactc	actgtcccag	300

tggtgggtcat	tgatggcctt	tagtaaattg	gagctgctta	atcatattga	tatctaattt	360
cttttaacca	caatgaattg	tccttaatta	ccaacagtga	agcactacag	gaggcaactg	420
tggcattgct	tccttaacca	gtcatgggtg	tgtgaatgtt	ataaaattgt	cactcagata	480
tatttttttaa	atgtaattgt	atataagatg	atcatgtgat	gtgtccaaac	tatggtgaaa	540
agtgccagtg	gtagtaactg	tgtaaagttt	ctaattcaca	acnttaattc	ctttaaaatn	600
cacanccttc	tgccctctgna	tttgggaagtt	gtcagtncaa	ctcatcaaag	aaaactgcct	660
aatntnaaaa	tcataattntg	ggaataattt	ccctcttttg	tagtctgccc	aagatcetta	720
aagattggat	ttttattact	atttaaacca	gtggattaat	n		761

<210> 3219

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 3219

caaaaancct	tttгнаannn	nccnnagnnn	tttnatnncc	tnnttgcaaa	tngcttggt	60
actcgttctt	tctgcaggat	cccatcgatt	cgggaattata	gtattgacgt	gaatcccact	120
gtggtataga	ttccataata	tgcttgaata	ttatgatata	gccatttaat	aacattgatt	180
tcattctgtt	taatgaattt	ggaaatatgc	actgaaagaa	atgcggccca	tttagaatag	240
ctcgtgttat	ggaaaaaagt	gcactgaatt	tattagacaa	acttacgaat	gcttaacttc	300
tttacacagc	ataggtgaaa	atcatatttg	ggctattgta	tactatgaac	aatttgtaaa	360
tgtcttaatt	tgatgtaaat	aactctgaaa	caagagaaaa	ggtttttaac	ttagagttagc	420
cctaaaatat	ggatgtgctt	atataatcgc	ttagttttgg	aactgtatct	gagtaacaga	480
ggacagctgt	ttttaaccct	cttctgcaag	ttgtttgacc	tacatgggct	aatatggata	540
ctaaaaatac	tacattgate	taagaagaaa	ctagccttgt	ggagtatata	gatgcttttc	600
attatacaca	ccaaaaatcc	ctganggaca	ttttngangca	tgaatattaa	acatttttta	660
tttcaagtaa	cctttttccc	ctgtgtaaag	ttactatggg	ttggtggnac	naactttcat	720
tctatagnat	attaagtggg	aaagtngggg	gaaattctac	nttttatggg	tnggagtggg	780
cccaatgtct	atcaaggagt	gnacaaatta	ann			813

<210> 3220

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3220

taatgctggg	tactgccctt	caaatecttg	caatcccttg	gnaaneggnc	cngcngaccc	60
atcgattcga	attcggcacg	aggttatatt	aaattattct	ttgntnttct	ttgtctttta	120
ataaagcctg	caagttacta	aattgnagtt	ncataaatcc	tgtagtnaag	tatcatcttg	180
gcagngtgcc	aaaggtgaaa	angntgcttn	ctctaacaga	gaaattctta	gngactccag	240
tcgtanaaaa	acgtctttac	aacctgaata	agatnganga	attgngaaca	taccatggcc	300
tattggatga	atcatttgcc	ggnggctana	ncagactgta	gggtttgtga	tggatntatg	360
gagtatgtgg	gtatagaaat	catgaatntn	ccatttgnnn	ncagagattc	aagcntanac	420
ttaatgggta	gatcataaat	gacagaatga	attcaaaacc	tagcacgtgc	attgtaaatg	480
tgtgcccaga	tatgtnttgg	aaatggcagn	tccttggggg	catgtntcta	ctggcaaaat	540
ttgctatagn	gnnactattg	nantgtaatt	ataaaattna	tcannattat	ncaccgattn	600

gccaaagtaaa	ctgtactgtn	cataggaatt	ttgggaattg	tgcanaaatt	ggatcaattg	660
aanttnagaa	cngatgtctg	ggcttaaaaa	tttatcnggg	accacnnatt	angaaactna	720
catntttcgg	ngctgagggt	cattgnccaa	ggccangaag	gtntttncgg	aaaanc	776

<210> 3221

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3221

ctgctgtcaa	ggcttgaaga	gccggcacac	tcaatggcaa	acacangcac	cgagtctgct	60
ctgaatcctg	gaggatctgg	ccctcctctc	aacccccact	cacagtcacc	gtcttacaac	120
tcagggccac	ctgggatcag	tcatcagtca	gggtgcgtaa	gccttgaata	ccaggtagcc	180
tcaggagtga	aaagataaat	gtcctagatc	attaccttat	tcagtgtccc	caccttgtag	240
cgcattccaa	ccacctggga	gcatttataa	ctccagatgc	ccacaccaca	ccctggggcc	300
acccatcaga	ccttctggaa	gcaagacctg	ggcctccatg	gccccaaaaa	ctccctaggt	360
gatccgatgt	gcagccaaat	ctgagaggcc	ccatttnaaa	aaganagaac	atgggtggta	420
cattgaggag	tatttacatt	ttataaaaatg	acttaaaaat	ttnaaggcat	tttttgagca	480
tttncaatta	tatggaagna	gttactttta	cggaatagtt	nttgctcatg	gaactcanaa	540
cagatgaagc	accactgtta	cagaattaat	gtgctccaga	atgaaaatgg	tctcgtttct	600
ngtgaatttc	aatggaagaa	gcncnacatt	tcctnaagaa	ttcttttgag	cccagtaatt	660
cantcctggc	tcaaaaaaan	gntnnttngg	cattttccta	acatctggac	caaag	715

<210> 3222

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 3222

ctgctgtcaa	ggcttgaaga	gccggcacac	tcaatggcaa	acacangcac	cgagtctgct	60
ctgaatcctg	gaggatctgg	ccctcctctc	aacccccact	cacagtcacc	gtcttacaac	120
tcagggccac	ctgggatcag	tcatcagtca	gggtgcgtaa	gccttgaata	ccaggtagcc	180
tcaggagtga	aaagataaat	gtcctagatc	attaccttat	tcagtgtccc	caccttgtag	240
cgcattccaa	ccacctggga	gcatttataa	ctccagatgc	ccacaccaca	ccctggggcc	300
acccatcaga	ccttctggaa	gcaagacctg	ggcctccatg	gccccaaaaa	ctccctaggt	360
gatccgatgt	gcagccaaat	ctgagaggcc	ccatttnaaa	aaganagaac	atgggtggta	420
cattgaggag	tatttacatt	ttataaaaatg	acttaaaaat	ttnaaggcat	tttttgagca	480
tttncaatta	tatggaagna	gttactttta	cggaatagtt	nttgctcatg	gaactcanaa	540
cagatgaagc	accactgtta	cagaattaat	gtgctccaga	atgaaaatgg	tctcgtttct	600
ngtgaatttc	aatggaagaa	gcncnacatt	tcctnaagaa	ttcttttgag	cccagtaatt	660
cantcctggc	tcaaaaaaan	gntnnttngg	cattttccta	acatctggac	caaag	715

<210> 3223

<211> 786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3223

ttgtgaancc	cttttganac	ccnttttgcta	cttgcctcttt	ttgntggatc	ccatcgattc	60
gaacgttccc	ccgctacata	gtcttttcttt	tgtgttatatt	agttttaccat	ttcttttttct	120
catcttggtta	taacctccac	gagttgtgtc	tctttttgttt	tctacattat	acccaacggc	180
tagcacataa	caggcaccca	atatatactg	aacgaactaa	ggaatgaatg	aaggaatgaa	240
tgaataggtg	gcttatagga	aacccctggg	gccagggact	ctgcaacatc	accatgtaac	300
ttttttctttg	tgctgagaag	cagagagaaa	caatagaaga	tatctcttaa	tctctcaagg	360
atgctactcc	caggactgct	tgcaatttcc	gaggagataa	gccacaagtt	acagaaagga	420
agcagctgtg	tagggcctgc	aagtttccctg	ctgcaagtca	ccctatgttc	agaagttacc	480
ctggctgggc	caggcatggt	ggctcacgcc	tgtaatccca	cactctgggg	aggctgangc	540
aagtggattg	cttgagtcca	ggagttttga	gaccagcctg	ggcaacatgg	agaaacccca	600
tctatcaaaa	aaattanctg	ggtgtggtgg	catgaagcct	gtaataccca	gcttccttgg	660
gnaaggctta	angtgggnag	aaatnaccct	gancccccang	ggggtcaaag	gctgntnntt	720
aagccaagat	cacngccnac	tggaccttna	agccctnggg	caaaccnna	attnagancc	780
ctntct						786

<210> 3224
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3224

ggatctttta	tncctttgna	atccccctnnc	tttggcnaat	cgcccgaatt	cggcacgaga	60
gttggagaac	attatgctgg	agagagnttt	tnaagaaagg	gagatgttgg	aaacttcnca	120
agctgctgct	ctgtttctgc	ccaaccgcat	ggtgcctgga	cctgactaca	attcctacaa	180
aagtgcctac	agccccagcc	cagtggaaacc	accaagcaag	gacttctgta	attntttgcc	240
cacctgcctt	gatttaacca	tgcagtattc	agggtctggg	aatatggaac	taattttcttc	300
taatgtcagc	gtggccacaa	cttatagaca	gtatcccttg	tcctcaagat	ttttaagttt	360
ggcccaagtg	tgccccatt	agcgacaccc	tcctctacca	gcaatgcctg	ctaaatgcc	420
ccacctcagt	tcaagccctg	aagcctgggg	ccagctggga	cttgaagga	gcacgagtcc	480
aggatggact	cagtgcatag	caggacatga	tgccatnnaa	attggaaggt	tccttggtgc	540
tgctcacac	ttcctgagat	ccagaccacn	agaaaagtgc	cttcanggtc	atcangctgt	600
cccagagagg	tccgcgttnt	tccnaccctg	accgggaatt	tctcttccca	ttgttgacac	660
cngacttccn	tggcancttc	aaaggggcat	tntcttaacc	gaagattcan	nnaaanctaa	720
acaccanngc	acccttttgg	cnacttaanc	cattaaatcc	aattccn		769

<210> 3225
 <211> 915
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(915)
 <223> n = A,T,C or G

<400> 3225

gnggaggggn	gggaagnngg	gngcagnnnn	ncnaaaacnn	nngcacanca	ancncnnang	60
aacncnnnca	gnncncnncg	nanacancaa	ngngnaaccc	tttcaaaancg	cttggcaaatt	120
cgcnncngct	gnaggaccca	cganncgac	ccagccnnct	cctccaacgc	cctnnngatc	180
caagatngag	taagagacat	nggcagatgc	ngagaaggnc	aaccaaatng	tnnnaacttg	240
cagaccgagg	gggagatggg	ntncagtctg	cacatgactc	gagcacagnc	ccccacccc	300
accngactt	anaaaatcca	aaccgactac	aagaccagaa	acaaaccaca	tgccagtcgc	360
ccccttgact	gtacacacat	gnggagnnca	gagccaccca	tngagagagg	ctgctcagct	420
cagcaccctg	ngcanggctt	cctagaacta	ncncagancg	ggggannccn	tancccgat	480
tcnggggnag	tgacnacagg	atgcacgnag	tgaaacccan	gggttagggg	agaggaccca	540
ccctggnaaa	aagccacgta	aaatgggnacn	ancnntccan	ggcanccang	gncnactac	600
antcncnagc	acctccgngn	cncaanccgn	antcnnagaga	aanngnntan	nnncnangag	660
nnncccggan	nnnngnaatg	gccagnnaag	ctgnnncccn	cnggaacnag	nnaacgnnnn	720
ggcntatcca	nngtcgacnc	ctncnngnc	gccanctccc	aaangncncg	aacgaggcnn	780
ngncagaana	ncctctgttaa	aagaacaccg	ancaggcnaa	ggccnccact	tganannccct	840
cnaggnancc	gggnnggaga	aanctnanaa	ngantatnan	actnggnaac	nnnnanagcc	900
tctaaaaaaa	aaccg					915

<210> 3226

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3226

agnntnnttn	nnntataaaa	ncctntggaa	ctnccctcttt	nngttgatcc	catcgantcg	60
aattcggcac	gaggcaaggt	tgtgacattg	tcactttttt	gttctagact	cttttaaatt	120
ttctgcattt	gcctgaaaag	cacccctgta	agaatagatt	tctcatggct	ctaaaaatta	180
ttcccaagaa	tnccntactt	ggttcaaaaag	cagactgttt	ctcttcattt	catctcaaatt	240
cagacttctg	ggcaagatgt	tcttttagagt	aagcaaacct	acaacctaaa	aatctcttca	300
agaggcatct	ctgggtcttg	gacaagacct	cttcaaaaac	ccacagtaaa	actcccctcc	360
ctccagttgg	ccaccagtct	gccaccaaac	atgaacaaat	tctgctgcta	atcggtttcc	420
cttgtgatct	ggttccctgag	gtcttcggat	ctgtgcaatg	aattatttat	tgntttatta	480
aaccgacagt	gggtgtccag	agaggaacca	taaataaaaat	ggaaatctgg	tgctgtgata	540
aagtaataac	tagcattaat	gagacctgg	tttcctttca	gaaagtccag	tataacctgta	600
acaaaggtta	aagcaattta	tatttaattt	gcattctgat	gttaacattt	aaacagcaat	660
tctnacaaaa	aatgcatcga	gtctaattct	tacctctatc	aaaaaacaac	tgnntaaatt	720
tatgaccaac	atttaaacna	aaaccaaaaat	ggaaaatttt	ctttttnnn		769

<210> 3227

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3227

atcnatccnt	ttcttttatag	cttngttntct	ngttctntct	gcaggatccc	atcgattcgt	60
tagtgtactg	gatgtcaggt	ccctcaaaga	ttccttggac	cattttcatg	tgaatgaaga	120

agaaatcaat	tgtctttcat	tgaatcaaac	ggaaaacctg	ctggcttctg	ctgacgactc	180
tggggcaatc	aaaatcctag	acttggaaaa	caagaaagtt	atcagatcct	tgaagagaca	240
ttccaatatc	tgtcctcag	tggcttttcg	gcctcagagg	cctcagagcc	tgggtgtcatg	300
tggactggat	atgcaggtga	tgtgtgtggag	tcttcaaaaa	gcccagaccac	tctggattac	360
aaattttacag	gaggatgaaa	cagaagaaat	ggaaggccca	cagtcacctg	gtcagctctt	420
aaaccctgcc	ctagcccatt	ctatctctgt	ggcttcgtgt	ggtaatatatt	ttagttgttg	480
tgcacaagat	ggtaaggttc	gaatctttcg	ggtgatggga	gttaagtgtg	aacaggaact	540
gggatttaag	ggccacactt	canggggtatc	ccaagtctgc	tttctnccag	aatcctattt	600
gctgcttact	gganggaatg	atgggaagat	cacgttgttg	gatgcaaaca	gtgaaanttg	660
agaaaaaaac	cagaagaagt	nccacaaaaa	cgtaccccn	caggaaggaa	aaccctaaaa	720
ananggaacc	ttgcaccna	nccngggntn	ggaaaatacc	taaccnttt	nntnacct	778

<210> 3228

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (813)

<223> n = A,T,C or G

<400> 3228

caaaaancct	tttgnanann	nccnnagnnn	tttnatnncc	tnnttgcaaa	tngettggct	60
actcgttctt	tctgcaggat	cccacgatt	cggaaattata	gtattgacgt	gaatcccact	120
gtggtataga	ttccataata	tgcttgaata	ttatgatata	gccatttaat	aacattgatt	180
tcattctgtt	taatgaattt	ggaaatatgc	actgaaagaa	atgcggccca	tttagaatag	240
ctcgtgttat	ggaaaaaagt	gcactgaatt	tattagacaa	acttacgaat	gcttaacttc	300
tttacacagc	ataggtgaaa	atcatatttg	ggctattgta	tactatgaac	aatttgtaaa	360
tgtcttaatt	tgatgtaaat	aactctgaaa	caagagaaaa	ggtttttaac	ttagagtagc	420
cctaaaatat	ggatgtgctt	atataatcgc	ttagtttttg	aactgtatct	gagtaacaga	480
ggacagctgt	ttttaaccct	cttctgcaag	tttggtgacc	tacatgggct	aatatggata	540
ctaaaaatac	tacattgatc	taagaagaaa	ctagccttgt	ggagtatata	gatgcttttc	600
attatacaca	ccaaaaatcc	ctganggaca	tttnnangca	tgaatattaa	acatttttta	660
tttcaagtaa	ccttttcccc	ctgtgtaaaag	ttactatggg	ttgggtgnac	naactttcat	720
tctatagnat	attaagtggg	aaagtnggg	gaaattctac	nttttatggg	tnggagtggg	780
cccaatgtct	atcaaggagt	gnacaaatta	ann			813

<210> 3229

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (818)

<223> n = A,T,C or G

<400> 3229

gnnnnnnntt	nnnnntttgc	aaatnccttn	gnaaannncc	nagnnnnttn	anncntntnt	60
tcnaatnctn	ggctactngt	tctttttgca	ggatcccac	gattcgaatt	cggcacgaga	120
gnaatcaata	tcttgaaaat	ggccatactg	cccaaagtaa	tttgtaggtt	cagtgtctata	180
cccacaaac	tatcattgac	tttcttcaca	gaattagaaa	aaactacttt	aaatttcatn	240
tggaaaccnaa	aaaagagccc	atatagccaa	gacaatccta	agcaaaaaga	acaaattttg	300
aggcatcatg	ctacctgact	tcaaaatata	ctacaaggct	acagtaatga	aaacagcatg	360
gtactggtac	caaaagagat	atatagacca	atgaaacaga	acagaggcct	cagaaataat	420

gccatacatc	tacaccatct	gatctttgac	aaacctgaca	aaaggaatgg	ggaaaggatt	480
ccctatttaa	taaattggtg	tgggaaaact	ggctagcctt	atgcaggaaa	ctgaaactgg	540
accccttcct	tacactttat	acaaaaatta	actcgattca	ttaaagactt	aaaagtaagt	600
tctcaatgta	taaaaaacct	ggatgaaaac	ctaggcagtc	cattcaggac	atagcatggg	660
caaatacttc	atgactaaaa	cacccaaagc	aatgtcaacc	aaaagccaaa	attgacaaat	720
gggatctaac	ctaaactaaa	aaacttggtg	tgcagtttta	ttttgggant	gtgtgtgggg	780
gtacctctga	gttttcaaaa	aatgaagaaa	gtaagtcc			818

<210> 3230

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3230

gnttgaannc	ccttngnntt	caaatngatt	gttactngcc	ttntgcagga	tcctctgatt	60
cgaattcggc	acgaggatag	cttaaagcaa	gtttacaagt	aattaaaatg	gacagtttgc	120
cattaaagat	ttttaatagt	ggttttgcag	tgtactggct	tgaattttct	ggacttgagt	180
taactgaagg	agagcctcaa	acnntagtaa	cttcattttt	aaaagttact	agaatttggt	240
atcctgattt	atattgcagt	gtttcaaagg	tgtcactgtc	agacaaatag	aaacactgcc	300
aacttggtgt	aacttaagct	ttcattttaac	taaaacattc	ttttcttgca	aaacttattt	360
ttcatgatca	tttttggtta	tttattatac	ttgattccaa	aatagtagac	ccttgaatct	420
ataaaaactgt	gcagtcatta	tgccagaaat	tatcttaaat	atataatggg	tcaccttgct	480
gttcaaaggg	tggtgcaagg	tcctgcagca	tcttacatct	gtagcttggt	agaaatgtaa	540
actctcaggc	cccacaactt	acttcctgca	ttttaacaag	atccccaagg	gatatgtatg	600
ctcataaaaa	attttgagac	actgggtttta	atggaaaatg	gatataaggn	atgtataact	660
gggggggtggg	gtgagggtag	gaaggcattt	accaactnag	attttattta	tttttgaaat	720
taatcaattg	gnttaaatcc	taattttattt	acccaaatag	gggtctttta	aaaaaatatt	780
ttttattcc						789

<210> 3231

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3231

gnttgaannc	ccttngnntt	caaatngatt	gttactngcc	ttntgcagga	tcctctgatt	60
cgaattcggc	acgaggatag	cttaaagcaa	gtttacaagt	aattaaaatg	gacagtttgc	120
cattaaagat	ttttaatagt	ggttttgcag	tgtactggct	tgaattttct	ggacttgagt	180
taactgaagg	agagcctcaa	acnntagtaa	cttcattttt	aaaagttact	agaatttggt	240
atcctgattt	atattgcagt	gtttcaaagg	tgtcactgtc	agacaaatag	aaacactgcc	300
aacttggtgt	aacttaagct	ttcattttaac	taaaacattc	ttttcttgca	aaacttattt	360
ttcatgatca	tttttggtta	tttattatac	ttgattccaa	aatagtagac	ccttgaatct	420
ataaaaactgt	gcagtcatta	tgccagaaat	tatcttaaat	atataatggg	tcaccttgct	480
gttcaaaggg	tggtgcaagg	tcctgcagca	tcttacatct	gtagcttggt	agaaatgtaa	540
actctcaggc	cccacaactt	acttcctgca	ttttaacaag	atccccaagg	gatatgtatg	600
ctcataaaaa	attttgagac	actgggtttta	atggaaaatg	gatataaggn	atgtataact	660

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gggggggtggg gtgagggtag gaaggcattt accaactnag atttttattta tttttgaaat      720
taatcaattg gnttaaattcc taattttattt acccaaatag ggggtctttta aaaaaatatt      780
ttttatttcc                                     789

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<210> 3232

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3232

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ggnnttnaan nngctctact gaatgccttt ggaaaggccc ccatcgtttc gaatnccggca      60
cgagcttttag ttcagataaa ggaaacatcc aaaaatactg agattagtaa aattttattc      120
aaagtaggtt ccngctttgt cttgatctca atccattcta actcctgatg tcattttaccg      180
tgtgagatct tanncacaat catgaaaaga atatgagcat ttatcaaaac tctctgacat      240
ctgtatgttt agaaatgaac ttacacagca aaatatgatt tccttgcaact tatttaattt      300
ttctaacttc aatttctacc tatgtgtctc tgccagtttg acctgattca gacaccocaga      360
acttgaataa agaagccctc ttctattttc attcttaatg aatatacctt ttcccatgtc      420
cacattgagc ctcccttctg ngtactctgt ctaatgcagc cacatgtcta gttccccctc      480
tctgtcacca cctcacttc ttctttccca tcttcttact tctttgggtg gacctcttgt      540
aggacaacat gccatttctg attccccaca cacataccct atcattgata cctaccctca      600
ggattagatt ctgtctaagt aatttgtaga gccatcaggc ttnantaagt attgggactg      660
caagtcaaca cccattatct catcaaaang ggatgctgtg ttggggccag anggagaaan      720
gagagagaga gactnanaga gagangnccn ganagagagn aagacn                      766

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<210> 3233

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 3233

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gaancccttg gntttgancg catttttaat nccttgggnt gnnccctcga ttcgnnccgg      60
cncnaggctc ngtacagatg nntcttatcc tgacntnacg aangncttaa ctgncnnntn      120
tatggtgacn gtnnntgagg cngnatgncn nggancanan nctnaantg aaaggnaacct      180
agtgacgann gctncggnnt ccctntgcaa actggatacg gtannngaan agggagcctc      240
tgtgataaac gagacgagga ggaactcncn gacatatgag ctcaccacca cactaaaggc      300
actgtgcatg nctgctgacn gggttcnata gcgctcaang accagnatng acnnggacga      360
tgagttaatg ggnactaggg cncaantgtg cgatcanaga annttcncna agctcngcnc      420
atccttggan aacnntttgc tttanaacan cnccttncg tgnctacnca cancctatgc      480
nacagactnn atnacctgaa caanggttta ctcaagnnag acngnnnncc tacgnncanc      540
ttagnnncca gggaaccnnn ntgncnttac aangtngntn nangtcctna gntgagcata      600
cnaccagant ggganctnct gacnagtttc ctncanactn gtcnccngag tgggaacggc      660
caagatnaac ccnnngccaa aacttnttac gacnttggnc nnttcaaaga tcaagggggg      720
natttaanaa ctngaancct ntannccnnt tcnnaanntn cttttgnga cnttagnana      780
ngggntganc ccgggcnatn tntcaaaaat ccttnttant tcaccnntgc c                      831

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<210> 3234

<211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3234

gnnntttnnn	nnnnnnnttt	ncaaatecgt	ttggctactn	ggntcttttt	gcaggatccc	60
atcgattcgc	agaggctttg	ctagtatcct	tcaaccaatt	tctagtataa	atatacctata	120
taaccataat	tatcaaaacc	agaaaaacaa	cattggtagg	atactataaa	gtactaatct	180
tattttggat	ttgacgaatt	cctacatggt	tntttctttt	ttagtttgta	ctctaagaag	240
ttgtattaca	tgtacagatt	cgtgtaacca	ctgcaaccac	ataaaactaa	tgaacacaaa	300
gtccctcatg	ctaccttttt	atgcttacac	tccatccaaa	cctaactctg	ccaaccactt	360
ttctoctatc	agtataattt	catcatttca	tgaatatgat	aaaaataaaa	ttgtttttgt	420
aaatggtttt	tataaatttt	atataaataa	gttatatgaa	tttttattga	tagagagtat	480
gtaagctttt	ggcatttttg	tcactcagca	aattactcct	aaggtttata	tgagttgatg	540
aatagttgnt	ttattatfff	tttttaccac	catgtatcta	accagatgaa	agttgtttat	600
atttgagagt	agtatacata	tttgatgtag	tagtttatcc	atttcaccta	tgagatatat	660
ttgcactggg	tttctctggg	ttaagtgtcn	taaataaaga	tgctgtgaaa	tctaaaaaaa	720
naaanaannn	nnnnnttnnn	nnannntnng	nataatnaaa	nnnnnnnccn	nn	772

<210> 3235
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3235

tccaaaatnc	ccttggantn	attccccctt	ncaatacctt	tccttngnac	actccengtt	60
tnngntngatc	ccatcgattc	gaattcggca	cgaggnaaca	aagaaggaa	gtcttcctca	120
tgtttnggtc	tatagaagac	gttaaagaaa	acttccagaa	agtgggtttg	aggcatgagc	180
caccacgcct	ggccaaagga	tttaatgaat	taatggatgt	acagtgctgg	ggctgttatt	240
ctagggcctg	cattgagact	cacattttgc	catcaaaagc	cttttaagag	gtggagggtg	300
cgggtgagctg	acatgggtgc	actgcactcc	ggcctgagtg	acagagttag	actctgtctc	360
acaaaaaaaa	taatgccctt	taaataatga	ataatagtga	tagaaaatgt	catttcttgg	420
acaaatgaaa	aattgaaatt	aatgtatata	attagatatt	attagctact	cttaggttagc	480
ttcattttgtt	gaaagtgttg	caagtgaatg	aagttcacat	ctggaaatcg	ttgaacattt	540
ttcgttcatg	gaactcaatg	gctacgttag	tcgtttatgc	ttttcactgt	tgtggtaggg	600
gctttggaaa	gtnaatgcc	tcaacaatgg	atacagaang	acctggattt	ggaataaggg	660
caaaaattta	ttttgatggg	gctgaattgc	tctgccaggg	agcattttgg	gtattgagat	720
gaaaatggcc	tctctttgag	actgagctgc	cacctggcaa	attattgnct	gcttaanggt	780
tctctttatn						790

<210> 3236
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3236
 aanccccc tnnangcgnt tccntncanc tnaaancgnt tgnaactcnc nctntctgca 60
 ggatcccatc gattcgctaa caagcgattc taaaccacct atgagtattt ctttttagggc 120
 tcacttaaat acatgtttgt atatactgta ttctagccag aataatttta gatctgatca 180
 ggtagtagct aaaattagaa aaaaacaaaa tagatgctta aagaatttgc atccattttt 240
 gagtctaaat ctttttaaaat atactgagat ccacatctag tgaaatgtca gtgtcaaaat 300
 attatagatt atagctaaaa tccagattaa tactcatttg gggtttttta tagtgggaact 360
 tcatagtaat acaaaaagca gattgtcttc ctgtctccgc tgctcccaca gtaggtattg 420
 aaactggtaa aatcagtttt ttgatantgt gtgtatataa gaaaaaatag atacacacat 480
 tcttttttct cagtcaacac attgattgaa cactctggca aagatgctgt ggtggatgan 540
 gttggagttc gaaagaagaa gcaagcgctn gctgccttg aaagaaccga agtctttccc 600
 attcacttct ctagaaagct gccaagacag aagcagaaag aaatgggatg atagtctctgt 660
 caaagcacac ttctggntct ttagaacctt agaagtgnnt ctaagagaac agaagttatt 720
 aagaagaaac nagntacgtg tgggaattca acaaccttng ggtnggaacc cattggcttn 780
 t 781

<210> 3237
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3237
 gtnttnnntt tcttttctaag agcttggata ctcgttcttt ntgcaggatc ccatcgattc 60
 gaattcggca cgagccaaaa tgggggtggg ccgcagtggtc tcacgcctgt aatcccagca 120
 ctttgggagg ccgaggtggg cggatcacga ggtagggaga tcaagaccat cctggctaac 180
 acggtgaaac cccgtctcta ctaaaaatac aaaaaaaaaa caaaaaaac tagccaggca 240
 tgggtggcagg cacctgtagt cccagctact cgggaggcag aggcaggaga atggcgtgaa 300
 cctgggagggt ggagcttgca gtgagccaag atcgtgccac tgcactccag cctgggtgac 360
 agagtgaac ttcgtctcaa aaaaaaaaaa aaataggca caataagtaa tacatttctg 420
 cccaagtaag agccttccct tttgtggatg taatgaaaat atcttcaagc actttataaa 480
 tnaattatat gtctgatact agccttccat tgcttgatc acatctgatt gtcttggtaa 540
 ttnnagaaaa gggtagcccc ttggtatgga tagtagcttg atgacatgga attcagggaa 600
 aagactatga tgggtgtcact tgtaactgct tttgtgctgt aaaattgtca tngattaaag 660
 aanaanaatt ngcttggntg cngtggctta cacctntaat cctancactt ttnggaagcc 720
 aaataangga cttgnttgga nccangantt tcangaacaa cctg 764

<210> 3238
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3238

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gtnttnnnntt tcttttctaata agcttgggata ctcgttcttt ntgcaggatc ccatcgattc      60
gaattcggca cgagccaaaaa tgggggtgggg ccgcagtggc tcacgcctgt aatcccagca      120
ctttgggagg ccgaggtggg cggatcacga ggtagggaga tcaagaccat cctgggctaac      180
acgggtgaaac cccgtctcta ctaaaaatac aaaaaaaaaa caaaaaaaac tagccaggca      240
tgggtggcagg cacctgtagt cccagctact cgggaggcag aggcaggaga atggcgtgaa      300
cctggggagg gtgagcttgca gtgagccaag atcgtgccac tgcactccag cctgggtgac      360
agagtggagac ttcgtctcaa aaaaaaaaag aaaataggca caataagtaa tacatttctg      420
cccaagtaag agccttccct tttgtggatg taatgaaaat atcttcaagc actttataaa      480
tnaattatat gtctgatact agccttccat tgcctggatc acatctgatt gtcctggtaa      540
tttnagaaaaa gggtagcccc ttggtatgga tagtagcttg atgacatgga attcaggtaa      600
aagactatga tgggtgtcact tgtaactgct tttgtgctgt aaaattgtca tngattaaag      660
aanaanaatt ngcttggntg cngtggctta cacctntaat cctancactt ttnggaagcc      720
aaataangga cttgnttgga nccangantt tcangaacaa cctg      764

```

<210> 3239

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3239

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atggctttgg nnagntccnn ntctttcaaa tncctggcta ctcgntcttt ntgcaggacc      60
catcgattcg aattgtaact tattccagga taaatgtcat atgcatatga tttccatatg      120
actttgatga gtatcttcag ggaaaattcc taaaaatgaa attgctggat taaggggtaa      180
atgcatgtat agttttgtta gacagggcca catacccttc cttagaggta gtaccctttt      240
gtattcctgc cagtaatata tgagagtcca cagagtatgt ggttaagctt tagaatgctt      300
gtccatctga tagggaagaa atcgtgttgc cttaatttgc ccttctttta ttatgaatca      360
gattttaatc ttttgcctct agaactatag tgagtogtat tacgtagatc cagacatgat      420
aagatacatt gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat      480
ttgtgaaatt tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt      540
taacaacaac aattgcattc attttatgtt tcangttcac ggggagggtgt gggagggtnt      600
tttaattcnc ggcgcggcgg ccaatgcatt ggggcccggg cccanctttt gttcccttta      660
tgaggggtta attgcgcgct tggcgtaatc atggtcataa ctgattcctg ggtgaaattg      720
tatcccgctc acaattcccc accaacatcc anncccggga gcataaaa      768

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<210> 3240

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(957)

<223> n = A,T,C or G

<400> 3240

```

annggagacn nnnngnngann gnggggggnnn acnnngaaan ncnnananan acacannann      60
nannnnngag gggcaacaaa cncnnatttt cgaaaaancc ttttggnggt gaccccnttc      120
naacacttgc ttntcgccct ntgcaggatc ccancgnann cgaaggnggc ncgaaagcac      180
ggngtccena nngatgngn aaanatgacc gataaacttc ngggncngat aatgaanggc      240
actatngnc atactgatgc tgnctcatgg gcnctaccan agacnggaac tggaaaaggc      300
tctgcagngt ctgggatacg ctcagtgtcg cangggaggg caggngtgag gggaatggcc      360

```

ccgganggtg	atggggcnng	ngcatccgat	gcagcnntat	agctctgnaa	ttaccacttn	420
caaacttntn	attacgaaaa	atgtcaagga	cccnggaatn	acaagngagg	naggcaggat	480
aatggccccc	aanatgccc	tggtgagacc	cccanacctt	gagagtgcct	cacatgggga	540
agactgtcct	acgtcancnt	gcacgcccc	ggcagcccca	ngggccctta	aagcttgaga	600
gccttncctg	ctgagacnga	ganatgccag	aagcaaggag	aggcnagaac	ccgaggagg	660
cccgcancct	gcccnagnatg	gcccttagaa	ggaaggggcc	naannagcgt	ggtggcccn	720
ctaaagcaan	ctgngngacc	nggggggacc	ctnangtacc	caangccct	gcaaagcaaa	780
accnngaaat	ttccnggcca	aaccanacac	ccccaangga	atngngaang	aaannngaa	840
aaggnaacnc	cctngaccnn	tggggccaaa	accccttgga	acccccctga	aaccttcnac	900
cnaaaatngn	gtnaaannc	ccgcganngn	gacttnagt	ngcaagcaca	cancccc	957

<210> 3241

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3241

ntgtaancct	tttcaaatec	cttggtact	tgntctttct	gcaggatccc	atcgattcga	60
attcggcacg	aggccggacn	gtgactctgg	nnacgcttgc	gnccntnacg	tagntngnng	120
accntgcang	anggaanaa	ggctggccnn	cngntgtacn	ctnaccgtcc	taaccccgcg	180
aggctccagg	ccgctccttt	cggngnggat	tctcgcgga	natccctccg	gcagctcttt	240
gcaaagctgn	ttagaaactt	ctcccaaact	cggcntggat	acgactgcta	tagggctcgc	300
tgctgctttt	gtggagctct	tgctcctcta	tccttggcct	ctcctgggat	acggcccaag	360
gccaaagtnt	cacgcangtt	ggtacgctta	tttcgttctg	gactctgggg	gctntgaann	420
ttcaccacgt	ggactgctgg	ggancgggnt	nccgancaact	ngnntacctt	acnccanaat	480
ctgacaactt	ttctggacaa	cctacccanc	ttcaattggc	tngngagcnc	ntcngntgct	540
ggggnnntnc	gtgcaaattg	agncncaatt	ggtggggcaa	tngttgatgg	ncaaaacggg	600
aaaaagcaac	nnncaangct	tttggtctna	agccgatang	acncaaatta	nttnccttgg	660
accttganaa	tttctctcaan	nnttttnagn	anncnctttt	ttnccttggan	aaanacttaa	720
aagtgaacga	ttnttgggaa	anaaacaac	tataataact	naaagctttt	ntaaaaaaa	780
annaatnnt						789

<210> 3242

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (804)

<223> n = A,T,C or G

<400> 3242

tcnaaatccc	ttttgnnagn	ttcnnccttt	gtttcccttt	netnggetnc	ttgttctttt	60
tgcaggaatc	ccatcgattc	gaattcggca	cgaggctcct	ttgaaccacc	ccaaagaact	120
caacatggca	aagcaaattg	taaaagcttc	ccgactgttc	tactttgggt	ccgcgcgaag	180
ccactcacg	tgtgatctgt	gttgcccttg	ggaggcccg	ggcgaccgga	aaagggtctt	240
ctcaagtctt	gaaaagagaa	tctgccacca	gatcgaattt	cgaccctga	gcttgctcgg	300
acgtatggtc	caaattcaga	ttaaggtggt	cacccaaccc	gagatgtcag	gaaaggcctt	360
ctgcagagaa	aatgtccccc	caccgcctat	ctgcagccag	gtgtgtgcca	cacggcagcc	420
ttcccgaac	atagtatgga	ttttaaaaa	gtgtttattt	ttgtttctca	accactttat	480

aacgtattttt	ttaattttatt	ttgtaatgtc	ttgttttgaa	gtattgctgc	tatccttgnt	540
atccttccca	ctgtttttat	cactgattta	ttttgtgaaa	agttgtacac	taatgttcta	600
tgtcaaaatc	aaaaagttat	taatgaaata	ctagttctat	ttaatgtggg	ntatggaacc	660
ancttgga	cacaaaacaa	acaggggatt	gtacaagcan	gcttggggcc	caagnaaggt	720
caaggttcat	ttggttacca	tatgccnata	aaacctcanc	gaanttttaa	aaaaaaaaann	780
nnnnnnaaaa	aancttgng	ggct				804

<210> 3243

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3243

ttcnaatngc	ttgttcacgc	cctttctgca	ggatcccatc	gattcgaatt	cggcacgagc	60
ttctgttgat	tggtttgttt	aaagtaccta	agtactacnc	tttgactccc	taccaaaggt	120
tcttttgttt	tttaacaac	ttttatttgt	gacttacttt	cttgagaagt	gttcttaatg	180
aattgcanna	cccantggta	gcagcttatt	tcttaagtac	tttattattt	gtgctttacc	240
atttcaggtt	cttatcttta	acccttattt	actcagtttt	ccatctgaat	gacccatctt	300
ctaaattaag	gatttaataa	atgctgcaaa	ttgtccactt	tgcaaatgt	ccaaaagctt	360
tagttttgga	accttggtga	cttttttttt	aataacacat	tatttggggc	ggctgtggtg	420
gctcaagcct	gtaatcgag	cactttggaa	tgccctaggca	gacagatcac	ttaaggcctg	480
nagttcgaga	ccagcctggc	caatgtggng	agacctncgt	nctatttact	aaaaatacta	540
aaaaattagc	aaggcatggt	ggtgcacgcc	tgtaatctna	gctactttga	gaggcanagt	600
tcaggagaat	tgcttngaaa	ccttggggag	cannagattg	agcccaagaa	ttggaccant	660
gganttcac	ccctgggtga	ccagagtga	gaaatcttnn	ctcaaaaaaa	ccataaaaaac	720
cctntnctnt	aaaatnaaaa	aaaactntga	gcctttttat	aacttnagnt	ggagtcagga	780
atnc						784

<210> 3244

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3244

tcacaaatnc	ccttggantn	attccccctt	ncaatacctt	tccttngnac	actcccngtt	60
tnngntngatc	ccatcgattc	gaattcggca	cgaggnaaca	aagaaggaat	gtcttcctca	120
tgtttnggtc	tatagaagac	gttaaagaaa	acttcagaa	agtgggtttg	aggcatgagc	180
caccacgcct	ggccaaagga	tttaatgaat	taatggatgt	acagtgtctg	ggctgttatt	240
ctagggcctg	cattgagact	cacattttgc	catcaaaagc	cttttaagag	gtggaggttg	300
cggtagctg	acatggtgcc	actgcactcc	ggcctgagtg	acagagtga	actctgtctc	360
acaaaaaaaa	taatgccctt	taaataatga	ataatagtga	tagaaaatgt	catttcttgg	420
acaaatgaaa	aattgaaatt	aatgtatata	attagatatt	attagctact	cttaggttagc	480
ttcatttgtt	gaaagtttga	caagtgaatg	aagttcacat	ctggaaatcg	ttgaacattt	540
ttcgttcatg	gaactcaatg	gctacgttag	tcgtttatgc	ttttcactgt	tgtggtaggg	600
gctttggaaa	gtnaatgcca	tcaacaatgg	atacagaang	acctggattt	ggaataaggg	660
caaaaattta	ttttgatggg	gctgaattgc	tctgccaggg	agcatttttg	gtattgagat	720

gaaaatggcc tctcttttgag actgagctgc cacctggcaa attattgnct gcttaanggt 780
tctctttatn 790

<210> 3245

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3245

gnntttttcta	aatcccnttt	gcnttactcc	ctcttttcaaa	tcgcttggct	acttgcncn	60
ntngnttttgc	aggcatccca	tcgattcgaa	ttcggcacga	ggaacaaaga	aggaatgtct	120
tcctcatgtt	tgggtctata	gaagacgtta	aagaaaactt	ccagaaagt	ggtttgaggc	180
atgagccacc	acgcctggcc	aaaggattta	atgaattaat	ggatgtacag	tgctggggct	240
gttattctag	ggcctgcatt	gagactcaca	ttttgccatc	aaaagccttt	taagaggtgg	300
aggttgcggt	gagctgacat	ggtgccactg	cactccggcc	tgagtgcag	agtgcagactc	360
tgtctcacia	aaaaaataat	gcccttttaa	taatgaataa	tagtgataga	aatgtcatt	420
tcttgacaa	atgaaaaatt	gaaattaatg	tatataatta	gatattatta	gctactctta	480
ggtagcttca	tttggtgaaa	gtttgacaag	tgaatgaagt	tcacatctgg	aatcggttga	540
acatttttgc	ttcatggaac	tcaatggcta	cgttagtcgg	tttatgcttt	tcactgttgt	600
ggtaggggct	ttggaagtaa	atgccatcaa	caatggatac	agaagacctg	gatttggaat	660
aanggcacaa	tttatttgat	ggggctgaat	tgctctgnca	ggancatttg	gtatgagatg	720
aatggcctc	tcttgagact	gaactgccaa	cctggcaatt	attggctgct	aanggttctc	780
tttt						784

<210> 3246

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3246

gnntttttcta	aatcccnttt	gcnttactcc	ctcttttcaaa	tcgcttggct	acttgcncn	60
ntngnttttgc	aggcatccca	tcgattcgaa	ttcggcacga	ggaacaaaga	aggaatgtct	120
tcctcatgtt	tgggtctata	gaagacgtta	aagaaaactt	ccagaaagt	ggtttgaggc	180
atgagccacc	acgcctggcc	aaaggattta	atgaattaat	ggatgtacag	tgctggggct	240
gttattctag	ggcctgcatt	gagactcaca	ttttgccatc	aaaagccttt	taagaggtgg	300
aggttgcggt	gagctgacat	ggtgccactg	cactccggcc	tgagtgcag	agtgcagactc	360
tgtctcacia	aaaaaataat	gcccttttaa	taatgaataa	tagtgataga	aatgtcatt	420
tcttgacaa	atgaaaaatt	gaaattaatg	tatataatta	gatattatta	gctactctta	480
ggtagcttca	tttggtgaaa	gtttgacaag	tgaatgaagt	tcacatctgg	aatcggttga	540
acatttttgc	ttcatggaac	tcaatggcta	cgttagtcgg	tttatgcttt	tcactgttgt	600
ggtaggggct	ttggaagtaa	atgccatcaa	caatggatac	agaagacctg	gatttggaat	660
aanggcacaa	tttatttgat	ggggctgaat	tgctctgnca	ggancatttg	gtatgagatg	720
aatggcctc	tcttgagact	gaactgccaa	cctggcaatt	attggctgct	aanggttctc	780
tttt						784

<210> 3247

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (776)
 <223> n = A,T,C or G

<400> 3247

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cgattcgaat	tcggcacgag	gtgtgcttgt	gaaatgtcca	ggcgtgtgca	cagccagtgc	120
gcccaattcc	gggctccttg	ctccctgctg	tactgaagtt	ttggattttg	catccaatcc	180
tgtgtgcctg	cccttctgcc	gaaggcttgt	gaggggcctg	agtcctctgc	ccatcaggat	240
gacaggctcc	ttcctgcagg	gccatagag	ggaagttttg	gaaacacaga	atgattccaa	300
ggtgctctcg	ttcctgaggg	ggactgggtt	gtaacccatg	acatctgtgg	gcgagagagg	360
cagctgggag	cangacactt	ggaggggcac	cccacggggg	tggcacctgc	actctgagt	420
ccccccactg	tcatcagctg	cctcttaccg	tggacacagt	tntggttttg	gggactangg	480
ggcccnactc	ctggtggtac	cgtttggtg	tactagggca	gtgggacata	tangcccggg	540
gctagtngga	taacggggag	ttacncctga	tgactntttt	gatggaatcc	tgcattagat	600
agcttngtgg	gacccccccc	ctcanaattt	ggggaactga	ngagaattcc	nngaagggtg	660
cnttcangga	gagcaccttt	naagggggccc	cctaacttcc	tgagcctgga	aattagaata	720
ancattaaag	gggcatacac	acctttttccc	aaaaaacccc	tntccatttg	gttttt	776

<210> 3248
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (777)
 <223> n = A,T,C or G

<400> 3248

gttctaatagc	ntngnntcat	cctttcttca	aatgctgtng	ttctttttgcn	gatccctcga	60
ttcgaattcg	gcacgagacc	ctctctggcc	acatggaggc	agtttcctca	gttctgtggt	120
cagatgctga	agaaatctgc	agtgcattct	gggaccatac	aattagagtg	tgggatgttg	180
agtctggcag	tcttaagtca	actttgacag	gaaataaaagt	gtttaattgt	atttcctatt	240
ctccactttg	taaacgttta	gcactctggaa	gcacagatag	gcataatcaga	ctgtgggatc	300
cccgaactaa	agatggttct	ttgggtgtcgc	tgtccctaac	gtcacatact	ggttgggtga	360
catcagtaaa	atggtctcct	acctatgaac	agcagctgat	ttcaggatct	ttagataaca	420
ttgttaagct	gtgggataca	agaagttgta	aggctcctct	ctatgatctg	gctgctcatg	480
aagacaaaagt	tctgagtgtg	gactggacag	acacagggct	acttctgagt	ggaggagcag	540
accaataaat	tgtattccta	cagatattca	cctaccactt	cccatgttgg	ggcatgaaaa	600
gtgaacaata	atgtgactat	agagattatt	tctgtaaaatg	aaattggtaa	gagaaccatg	660
aaattncata	ngatgcngat	gcagaaagca	acctttttga	aagtttataat	aatggtttna	720
cccttcataa	ccagcttaac	ctttcacttt	ttcttatttt	ggatttataa	ataagaa	777

<210> 3249
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3249

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gntcctnnnt ttcttatnct tggctactcg ttctntctgc aggatcccat cgattcgtag      60
ggattgagga agatctagca gaaccttcta agtctcagac acgtaaacc aagtgtggca      120
aaggaactca ttgctctcga aatgcatata tgttggttta tagactgcaa actcaagaaa      180
agcccaacac tactgttcaa gttccagcct ttcttcaaga gctggtagat cgggataatt      240
ccaaatttga ggagtgggtg attgaaatgg ctgagatgcg taagcaaagt gtggataaag      300
gaaaagcaaa acacgaagag gttaaggagc tgtaccaaag gttacctgct ggagctgagc      360
cctatgagtt tgtctctctg gaatggctgc aaaagtgggt ggatgaatca acacctacca      420
aacctattga taatcacgct tgcctgtgtt cccatgacaa gcttcacccg gataaaatat      480
caattatgaa gaggatatct gaatatgcag ctgacatttt ctatagtaga tatggangag      540
gtccaagact aactgtgaaa gccctgtgta aggaatgtgt agtagaacgt tgtcgcatat      600
tgcgtctgaa gaaccaactt aatgaagatt atnaaactgt taataatctg cttgaaagca      660
gcnagtaaaa ggccnatgga ttttggggtg ggggaantcc cttccttgcn gantttggcc      720
ccanctancn tctttgaaca ncttgntnaa ncaananggg nggatgcann      770

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<210> 3250

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (800)

<223> n = A,T,C or G

<400> 3250

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ggnnncnnttt ncccccttt tgaaaacccc ttttgggnga ancccncttc tttnaaatcn      60
cttgggtact cgctcttnt gcaggatccc atcgattcga attcggcacg agtatataac      120
aacttttgc tcaaaagtgg ggtgggacta gaacacacaa tggaaggatg gagtcaggag      180
acctggatcc ttgtgcccgc tctggctttt acagtctgcc taactctatg cagtcacttc      240
ctgccagcct gtttccttac ctacaagagg gagagacact ccctggccag cctagtcttc      300
aggggtgaacg aaagggtcatt atcactgcat cctctagtca tttgcttctt cgctaattaa      360
cacatcttga gcacctgcga tgttccagga acaggagatg gcagcgtgca agataaaagt      420
ccctgacttc tagagactgc atgttagtgg caatcggcgt ctaccgggcc ttcaataaac      480
tactgaatga aggaaaattc tacctagcac cagacacaa tactgggttt ctaaaatgga      540
attattcccc cggccccctg catccagcag cctgctgcag ggaagctcct ccgaagctgt      600
aggcaggagc gggacaaatg cttgctatca gcttcacaga atgttaccta agtactattc      660
ctacacagcg ccttacagaa caaacagtaa aaaccaaag gnaagcatgc acnggcttaa      720
aaactcaaac ttcctaacta ctcagtaatt anganggtca ttttacccca aaatagaatt      780
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800

<210> 3251

<211> 1144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1144)

<223> n = A,T,C or G

<400> 3251

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gnnnnnnnnnn nnnnttttnn nnnnnntttt tttgnaaaaa aatccccccn ttttgggccc      60

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aaaaattnngg nccctccttt ttnntgggca agggggaatc cccccaaatt ttttnnaaaa 120
ccggaccant ttttcggggg cnaaccggaa ggaaaccaat ttaaaggccn cctctcncaa 180
accccccttt tgggaanggg gggaaattgg naaaggaaac caaggccttt tccccctttt 240
gggccaaaagg ggccnaaggg ggccntgggt tggccccccc naaagtttcc aaanttnnttt 300
tnaaaaaggg ccccnttaa ccaaaagncc tttggggggg cccttnggcc cttnggggnc 360
cttggccnaa nggggggttn cctttgggga aaaggggggc ccgggggttg ggggggggga 420
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gnccgnttgc cttaaaaacc ctttcccaac tttttcctgg gatgggntga aggcaaanc 1080
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<210> 3252

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(818)

<223> n = A,T,C or G

<400> 3252

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caagctcact naatgngcng ttgnctang nntagttnc ttgcaatnct attnggattt 660
ggngccctaa gttcctgggc atatagcccn nnnctnntat ggncaagggt cacncnttgn 720
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<210> 3253

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 3253

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tggagactgg	ctcatacctt	gccagatccc	tctctcagtt	ccagccttct	ggacaaggcc	180
tgggctaaga	ggagctgnnt	cgttatctct	tcacccactg	ccctctcagt	atcaccagtc	240
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ttgttggtct	gagaaggcag	gataagtgc	cacatattta	tgccactacc	tccaccaggg	360
agagtccttc	tccacaggct	tgataaattc	aatcaccaac	tgtgctgtcg	tccctgactc	420
tgctactccc	gttcttctg	ctttctctgct	ccgtatctca	gtctgactcg	accccaaggc	480
tgggctgaca	tcaagatggg	agcccagccc	acgggcttta	taaacaccca	agaaccgttt	540
cagatcttct	ctggtgctga	tgccagtagt	tttaaatttt	tctcaagtn	cagtgataga	600
aaacccacac	aatcatcctc	tggccagtct	taatagaata	tcagaggtn	anaagggcct	660
tcanaagaac	ttttnacnca	atgcctgctt	gggggaaang	gaaagttgac	ttaacccccg	720
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<210> 3254

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 3254

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gacaagcaga	tgctaataaa	agaatctgca	tctttgttng	ttattccatg	ttaaagggtt	180
gaaataaagg	taagagaatn	tttgactgt	tggtatcccn	aatccatctc	ctgttctact	240
ctctattcaa	aataatcgta	cagtgcactaa	cagagctttc	agaccaacag	tattttttat	300
ttttcatttt	aagttcaggg	taccaacatt	tctttccatg	gatgttgatg	gacgtgtcat	360
cagagctgac	tctttttcaa	aaatcatttc	ctctgggttg	agaataggat	ttttaactgg	420
tccaaaaccc	ttaatagaga	gagttatttt	acacatacaa	gtttcaacat	tcacccccag	480
cacttttaac	cagctcatga	tatcacagct	tctacaccga	atggggagaa	gaagggtttca	540
tggctcatgt	agacagggtt	atttgatttc	tatagtaacc	agaangatgc	aatactggca	600
gctggagaca	agtgtttaa	tgggtggcag	aatggcatgt	tctgtctgct	ggaatgggtt	660
tatggnttaa	aggtnaagnc	tttatgntgt	aaagaacctg	tttgaagaaa	angccgttaa	720
gatggggggn	tttaatgcct	ccctggaaaa	tggnttnttc	cgtcgntang	ttaannttcc	780
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<210> 3255

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 3255

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gacaagcaga	tgctaataaa	agaatctgca	tctttgttng	ttattccatg	ttaaagggtt	180

gaaataaaagg	taagagaatn	tttgtactgt	tgttatcccn	aatccatctc	ctgttctact	240
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ttttcatttt	aagttcaggg	taccaacatt	tctttccatg	gatgttgatg	gacgtgtcat	360
cagagctgac	tctttttcaa	aaatcatttc	ctctgggttg	agaataggat	ttttaactgg	420
tccaaaaccc	ttaatataga	gagttatttt	acacatacaa	gtttcaacat	tgcacccag	480
cacttttaac	cagctcatga	tatcacagct	tctacaccga	atggggagaa	gaaggtttca	540
tggctcatgt	agacagggtt	atgtgatttc	tatagtaacc	agaangatgc	aatactggca	600
gctggagaca	agtggttaac	tggttggcag	aatggcatgt	tcctgctgct	ggaatggttt	660
tatggnttaa	aggtnaagnc	tttatgntgt	aaagaacctg	tttgaagaaa	angccgttaa	720
gatggggggg	tttaatgcct	ccctggaaaa	tggnntnttc	cgtcgntang	ttaannttcc	780
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<210> 3256

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 3256

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tagagtccag	acatcagnaa	ctagttccat	gttntttttt	tcactaccag	tccttaggcc	180
ccaaaccgca	gatcctgctg	tgnggacct	taagcccctg	actgttctag	gctcaacttc	240
caaccctttc	tgcaggtcct	attacctctg	cctcatcctc	ccaacatgat	aaccagagtc	300
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ctccttgcat	tccattttca	gatcctgtcc	attgatctcc	acccgcacaa	tgatcacctc	420
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agtgaagtccc	caaggaccaa	gcaataagat	cagtgatttc	ttgggggtggc	aangtcttct	600
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ttcttnaatg	tgttcagggg	gaaaagactt	ttccnggaat	ttttaattta	tttggttcan	720
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<210> 3257

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (822)

<223> n = A,T,C or G

<400> 3257

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ccatcatacc	ttctgaaaga	aaaaagcata	tcttcattga	cataacagaa	gtgagatggc	180
ccagtcttga	tacagatggg	accatcntnt	atatggagag	tggcattgtg	aagataacat	240
cttttagatgg	tcatgcatac	ctctgectgc	ccagatctca	gcatgaattt	acagtacatt	300
ttttgtgtaa	agttagccag	aagtcagact	catctgcagt	gttgtcagaa	acaaataata	360
aagcccaaaa	agataaaacta	gttgaaaaaa	ctggcaaaaat	ctgtatacgt	ggaaattttac	420

cangacagag	actgaagaat	aaagaaaatg	agtttcattg	ccagatcatg	aaatccaaag	480
aaacttttaa	gaagatgagt	tgtgtaaatg	gaactgaagg	gagggaagag	ctgccttcgc	540
ctggtacaaa	gcacacatgt	gtatacacat	gggtcaagca	gtgctggtct	gtggctgcct	600
gtccagagga	atgggaaata	ttcctttgtc	tttagcactt	catttttcta	aataaaaatc	660
anccaatatg	tctaaaaaaa	aantttnttn	ataataaacc	tngaagccct	nttanaacct	720
tntnntggag	gtcctnnttt	accntatgat	tcccgggaact	tgataagga	atcccntttg	780
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<210> 3258

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1052)

<223> n = A,T,C or G

<400> 3258

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aaagccaatt	ttaattttaac	cttnaggggg	ccttggggccc	ctccccaatg	ggttgggttn	180
nnnnntntcca	aaaaaanggc	ccccccnaa	tttnccaaaa	gggtntntnt	ttaacctttt	240
tccttnaatg	gggggtnnna	aaaccctnaa	aaattttnnn	ttaaccaatt	naccacacca	300
aaaaaatcct	tttttnncca	attttntntn	cctgggaaaa	ccttttcccc	tttttaatgg	360
ggcttttttaa	ccttggtcaa	ccccccaact	taggtanttt	ggatggtcct	taagctaann	420
gaaccnaaat	tncgtgatca	atttcacttt	gtcacatcag	ggaaccctat	cctcttagtt	480
ctcccattga	gatttcactg	ctggactaag	attattcttg	attcgtagtc	attggnntct	540
gnttccattc	attttcagca	ctgattatgt	taatcgtatt	gctttgagtt	ttttctttgn	600
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gcattttgag	gatattggng	ttaatgggaa	ggaaaaagga	atgggtgcaa	agcacatggn	720
atttgaattc	caaagacctt	gaccctcang	cattagcaag	gtcacttggt	ttctgagcct	780
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ttaaaagcct	ggatgcaana	atttnccttt	tttgnaagta	aattgnggct	gggttcttaa	900
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cnatttttaa	aatgggtatt	ttaacangcc	ttggtaaaan	ggttcanttn	catggccatn	1020
gnggaacaat	gttccccntt	tatgaannta	cc			1052

<210> 3259

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (800)

<223> n = A,T,C or G

<400> 3259

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tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgctctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagtgtga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420

ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaact	taagccacta	agtttttatg	ngntttgttc	tgtagcagaa	540
gcataggcat	actgacaata	caaaccgaaa	tcctttctaac	gtagtggacc	ttttcaggcc	600
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ggnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccttctta	anaattntac	780
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<210> 3260

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1098)

<223> n = A,T,C or G

<400> 3260

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cgggccncca	ggnccgggna	aaggccccc	ttgggcggcc	cccggncggc	cccaatgggt	180
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ngaaactttt	ttngggaatt	ccccagaaaag	aacttttgac	cttccttng	acctnaaaaa	1020
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naaccttttn	tncttacc					1098

<210> 3261

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 3261

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gtaacatcng	gaaaaaacag	ctnngncctg	ggngaaaaag	gatgccaaaa	tngcctggaa	180
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attcactggg	tctgccaaaa	atgtggattt	gngggctgct	tagatngtta	caaggcaaaa	300
ggaaaggaaa	gagttctaga	gataaaagaa	ctatatgctt	ggatgaagtg	tgtgaaggga	360

cagcctcatg	atcaccaaca	tttaatgccc	aacccaaaat	tataccnggt	tctgntttga	420
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cattggacta	acaaacagga	atttacaagg	tnggaaantt	ttncnaccaa	tgaaaggggg	540
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gccaggcccn	naaanggaan	gtnaggcccn	agatnaacaa	ngtnacctcc	ncccagnaaa	720
ccccannccc	caactggnac	cngggnaacc	cacaacnttt	gcngaagncc	aaaaaagncc	780
nnnagangga	aaaaaaaaaa	naananaaaa	aacctnnnag	cccctaagaa	accttagggg	840
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<210> 3262

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (858)

<223> n = A,T,C or G

<400> 3262

gnnnnnnttn	nnnnntttcta	atgcttntna	aatnccttgg	nagcaggatc	ccantttcaa	60
ancgcttggg	gcctatacca	ggagagcgga	tcccagacgt	ggctgcattg	nccatgggct	120
tctctgtgaa	agaagacctt	tcttggccag	gactcgcagt	gggtaacctg	tttcatcgnc	180
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gcgccaaagt	cccgtaatcg	cctgtttcaa	gaaaactctg	ntctcagntt	caactcccct	480
caattctctg	agtnggaaca	atgaaagntg	acctgctcnt	ttctttctga	acngcaagtg	540
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aacccttgg	tgaccccntt	gccaaaaant	ttggcaacaa	tgaacatngt	tcaagncttt	780
tatggggggg	gaantgcn	ngggntngaa	nttaggcccc	tngnaaaaat	caattttgga	840
caacctcccc	ttcatanc					858

<210> 3263

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (835)

<223> n = A,T,C or G

<400> 3263

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aaatccanac	cagntttatt	tcaggggna	nagtnanaaa	ncnctgcaat	ntgnncttaa	180
ngggattcga	ttngaggccc	ccnccnggg	gganantgtn	anccagggat	acnaaaaant	240
ncttggaag	tcaactggana	ccgacnttcn	tgcatttngg	gaaanaanct	gggtttgngg	300
nnaantaaag	catttttgacn	atgactgntg	cctaaananc	cntggcattg	gccaggggatn	360
ctgtggaacc	cttttttntt	tnaatgggtg	ntgagcatta	aactgncact	tgtnannngn	420
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tnaattngcc	cctntttttt	cnanggggat	atantatttn	ntntngggtn	ggaaaatttt	540
tanaggatna	anntcnccct	ttttttnttt	tttantcccn	atcnttttnt	tntncttttn	600
nncccttttt	tntnttgngc	nnnntanaaa	tttctctgta	antggatttt	naattttngg	660
nnaannnant	ntaanggntc	cctttttttt	aatttnanaa	aatgggtttt	natnttctac	720
tcttcnancn	cntnnggntt	ttcnacntca	natgtngcnn	nngnnaaaaa	aantnntttt	780
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<210> 3264

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3264

ctaatagctt	ttcattcnaa	tgcttgtgat	ccctcgattc	gaattccggt	gctgtcggac	60
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tcttgagaaa	ggcaaagaca	actttgtaca	gtgccctggt	gaagcactca	aatgggaaga	180
aaggaaatgt	ctcatcctgg	aagaaatcct	ggcctaccag	cctgatatat	tgtgcctcca	240
agagggtggac	cactattttg	acaccttcca	gccactcctc	agtagactag	gctatcaagg	300
cacgtttttc	cccaaaccct	ggtcaccttg	tctagatgta	gaacacaaca	atggaccaga	360
tggttgtgcc	ttattttttc	ttcaaaaccg	attcaagcta	gtcaacagtg	ccaatattag	420
gctgacagcc	atgacattga	aaaccaacca	ggtggccatt	gcacagaccc	tggagtgcaa	480
ggagtcaggc	cgacagttct	gcacgctgtg	tacctatcta	aaagcacgca	ctggctggga	540
agcgggttcg	atcacgttaa	ggcttgtgga	ctcttcagaa	cctgcaaaac	atnacccaag	600
gagcccaaga	ttncctttat	tgtgtgtggg	gacttcaatg	canaccaaca	gaanaaggtc	660
tncaaact	ttgcttcttn	cagnctnaac	cttganagnc	ggcctacaag	ntgctgaatg	720
cttgatgggc	aatttagaac	ccccatacac	ctacctgg			758

<210> 3265

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 3265

tttctaatagc	ttggctttga	gncctctntt	taaaatcctt	tggcnactac	tctgcacgat	60
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ttcctgcctc	caagacctgg	gtgtctacaa	ctgtgagccc	agcttggncc	aaaggcagtc	180
cccatgggac	ctagaactcac	cttncctttg	cctctatgaa	accttctgct	tgggcccanc	240
ccctgttcca	gctcccgacc	tgcaactcct	tgctgggact	cangcctcca	agctccctgc	300
ccagcnagcg	gnccttcagcc	accgtcttcc	cctttctttc	gggcccctgnt	tgtnagcanc	360
tttgagaaaa	cccananggg	acctngtgcc	ccttgcnag	ncgtgtcgct	tgggtgcaaga	420
ctgncctgtg	ctgcatcatt	ttncatgggt	gncgggggtg	tggggntnnn	cnngncggnn	480
cntgntcaca	atcaancatn	tatncctnan	ntngggatn	acnaatggcc	tnaagantgc	540
tacntctnan	nnnganttn	tcangnnntn	ttactaacnt	ncnatngnnc	ntnganatag	600
ncatgnantn	ttagtntntg	atntancnc	nattgcagcc	ncataattat	cctacaccac	660
anannaancc	ntccttnnag	aanntgnent	ctatgnaana	gnctnnnaat	gtggcnnncna	720
atataanntn	ntntnctnnc	atcntannnn	nttcttactg	nannnnncat	nnncnctntn	780

ggnnactatc	ncatantaca	tcnntnannn	cacccatnct	nntntnanat	ntctcntggg	840
nantnnntc	tcctnnan	ncnctaana	ngatctctca	nntacatgan	ntanatnacn	900
natanngnnn	anactnannn	ngtctctctc	atnnnttatn	nanngntcan	nttacnnnnn	960
nannnaannng	tatnntngtt	cnaaanntat	ntataaancn	ncgtnnnttt	nnannagatg	1020
tacnccnntn	anntaannat	ctangctccg				1050

<210> 3266

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3266

gnnnnnnant	nnnnntttaa	atccttnntg	aatcctttga	antaccatcc	cnttttncga	60
attnggcacg	aggaaagggtg	gcgcgcttct	cacggctgag	ttgctgcgcc	ttgcagacgg	120
aagctcccca	caggcagagc	tgtttggatg	tgtgagtcac	gaaccagaga	agccccgctc	180
catgagcagt	gactccccc	gccctgtgac	ctccctcctn	cttgacagtc	ctcctggcac	240
cagtccccc	ggctctcctg	ttggtagttc	ctgcttttct	tcttggaagt	tcctcgtgga	300
cctcgagatc	tttaccctaa	aatagttctg	ttgaatttca	ccctggcaat	gtaaattgat	360
agcttatctt	cacagatgcc	agacaatgga	caactcacca	tcagtcctct	gctcacctga	420
gacaaatgca	tgtctgattg	cttcctctgc	cctattgntt	atgtgaaaat	gcagattcac	480
tgagccagac	taaggcatca	gtgactgttc	ctctacctgc	ctctcacatg	gagattgtgt	540
attcagttaa	aggctgatca	aagacccaaa	ggaatgcaac	agtttatctc	ttatctacct	600
atgacctgcg	aactggccaa	caaccagttt	gttgnccgct	tttcagacag	aaccagtgtc	660
atcttacacg	tattnaaatg	gatgtcctgg	ngtctnccta	atatgtattc	aaaagcaagc	720
tggggcctng	accacccttn	ggcacatatt	cctcanggac	atcattcctg	angctgtgtc	780
actggcatgt	ccttaanc					798

<210> 3267

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 3267

ngnnnnnttt	ttnnnnccgg	tttgaaatcc	ctttgaattt	gnaatcgttg	gtgatcccat	60
cgattcgaga	aatcggaaca	aaagtagaag	ttgtggaaaag	gaaagaacat	ttgcatactg	120
acatttttaa	acgtggctct	gaaatggaca	acaactgctc	accaaccagg	aaagacttca	180
ctgaagatac	catcccacga	acacaggata	gaaagaanga	anccccgect	gtatttttcc	240
agcaaatata	acaaagaagc	tcttagcccc	ccacgacgta	aagcctttta	gaaatggaca	300
cctnctcggt	caccttttaa	tctcgttcaa	gaaacacttt	ttcatgatcc	atggaagctt	360
ctcatcgcta	ctatatttct	caatcggacc	tcaggcaaaa	tggcaatacc	tgtgctttgg	420
aagtttctgg	agaaagtatc	cttcagctga	ggtagcaaga	accgcagact	ggagagatgt	480
gtcagaactt	cttaaaccctc	ttgggtctcta	cgatcttcgg	gcaanaaacc	attgtcaagt	540
tctcagatga	atacctgaca	aaagcagtg	aaagttnnca	attgagcttc	atgggattgg	600
gaaatatggc	aacgactttt	taccggaatt	ttttggggcn	aatgaagtng	gaagcaagggt	660
gcaccctgga	gaacccccaa	nttaaattna	attttcatga	cttggttttt	gggaaaaaaa	720
anactgctt	nttaaaaaaa	aaacttgagg	cctttttgaa	cttttggggg	gtcggnttta	780

cctagatccg gaccttgnta agntncttg gntggnc

817

<210> 3268

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 3268

gnnnttggtc	taatgctngg	ctctcgttct	ttctgcagga	tcccatcgat	togaattcgg	60
cacgaggata	ggccacattc	cagtaagaac	tcaatttgct	tcccaaattt	gcagaaacaa	120
aacgtgattt	aaaagctgag	ctttttatca	gaaagctttt	ttgatgtttt	aagtgttatg	180
tgacttggtg	aactttttta	aaagtgtctac	ttttaaaatc	ccagatactc	tgaatttttag	240
aaaacaaact	aattctgatt	gtgtcgtgcc	caagtaccct	ttttttttta	tgaatagggg	300
ccaatgccac	attgcttttt	atatttcttt	cttttttaat	gttgccaaaa	ccaaaagtag	360
ctttgttttc	ctttgtattt	tgctactttg	cagtatttgt	gtgtgtgggt	ttntttcctt	420
aatttgaaag	ggacagnnct	gtgtatgttt	ataaactaaa	tgaagataag	atattatntt	480
gtataaacat	tcactctgaga	acaatcaaa	cagtagccac	atgggtgctgg	ctcctttgca	540
gcacaaacct	ggtcattttg	atgactgtca	acaggaagac	ttgaaaaatc	acgtggattc	600
atattaccac	cgctctcatt	tcattggagtc	ttctgatcaa	aaaaaagctc	acgtcgtatt	660
tcttctttnc	tttctctttt	ctaagaaaa	tgggtgtnt	gaccagaatg	ggaattttgc	720
ttccn						725

<210> 3269

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3269

gnnttgaann	ccctttngnt	tcnatnctt	gtttgangcc	cttntnnagg	accccatcgn	60
ttogaattcg	gcacgaggct	atttgaagta	cctgtaacaa	aacagttggc	cctctgtttc	120
catgtactct	gcactctgtg	attaaaccaa	ttgcagatca	aaaatattag	aaaaaataaa	180
aataatacaa	ataaaaatac	agtatnncca	gttattttaa	tagcatttac	attgcattag	240
gtattagtct	agggataaag	tatacaggcg	gatgtgcgtt	ggttatatac	aaatatgtca	300
ttttatgtaa	gggacttgag	tatacttgga	tttttggtat	ctgtgggttg	gggggacggg	360
ccaggaacca	ataccccatg	gataccaagg	gacaactgta	cttattttacc	tttattgtca	420
ttgcaagctt	cttatggaaa	ctttatagga	atgaaaatat	acatgttaag	aagattaaac	480
attagatagt	agatgggttg	ttgcatgcta	gaactgttag	tattgttgaa	tcaattactt	540
tggtttcatg	aaaaaataaa	cgataaatat	ctttaaagag	aactagaaga	attttttggt	600
tgagtnattc	cangctgnag	tatgatcntt	tactgaagta	gtttgattgg	ctggctaaac	660
ttanaattat	tggtttcttg	gtttgtanct	gccantaggg	gttantaatt	gtaangataa	720
aatgggtntg	tgtggnttaa	agggaaatta	ggtggngggt	aaaaatcttg	ggaaaatttt	780
ccgaac						786

<210> 3270

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3270

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tttgttctct	tctttgacta	ttaaaaagct	cagtgccctna	tatttctaac	atatggcaag	120
tgtttctgtg	taccttacaa	gtctatatat	aaatTTTTtct	tctcttgaca	gggttntatc	180
tatatnnccc	aagtnacccc	taattctttt	agaataaggc	agaaaataaa	tcaacgtaaa	240
ggttgagacc	aagccagaga	cagctggcca	aagtagctgg	ttcagggata	taacctgcaa	300
gttgccaacc	cagcgcattc	ttctcaccct	tcttccaccc	tacgaaaggc	catatcttac	360
aagagatgct	ggtaaagtgc	anacattcac	tgngtnaggc	ttntctacan	ctagcagtgg	420
catgagatca	gttcaatcca	atgacactga	aatggaactc	tccaagttag	tttctgcaaa	480
agacttctct	gttaacaggg	agttntttaag	ggaaatattg	caccttcctt	tccccgtctt	540
tttcaatcna	ngcatgatgt	cnggtgctac	cngnaaccca	tactgcnaaa	catgagggca	600
aatgagcctg	ngggaattta	aanctntaac	actaattnaa	gangaaaaaa	gatgcagaan	660
cctngatcct	tantggncca	tnattttaanc	cccttggacc	cactttttga	aaccagncct	720
ctanaaccta	tnngtgagtc	nnntttactn	ggatccenta	actngataag	aanccnttgn	780
ntcc						784

<210> 3271

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3271

caaatecnnt	gctctngttc	tttttgacag	atcccatcga	ttcgcgacag	ctctccaata	60
ctcaggttaa	tgctgaaaaa	tcataccaaga	cagttattgc	aagagtttaa	tttttgaaaa	120
ctggctactg	ctctgtgttt	acagacgtgt	gcagttgtag	gcagtgtagct	acaggacatt	180
tntannggcc	caggatcggt	ttttcccagg	gcaagcagaa	gagaaaatgt	tgtatatgtc	240
ttttaccggg	cacattcccc	ttgcctaaat	acaagggctg	gagtcctgcac	gggacctatt	300
agagtatttt	ccacaatgat	gatgatttca	gcagggatga	cgctcatcatc	acattcaggg	360
ctattttttc	cccacaaacc	caagggcagg	ggccactctt	agctaaatcc	ctccccgtga	420
ctgcaataga	accctctggg	gagctcagga	aggggtgtgc	tgagttctat	aatataagct	480
gccatatatt	ttgtagacaa	gtatgggtcc	tccgtatctc	cctcttccct	aggagaggag	540
tgtgaagcaa	ggagcttaga	taagacaccc	cctcaaacc	attccctctt	caggagacct	600
acccttcaca	ggcacangtc	ccccaaatga	gaagtctgnt	accctcatt	tcttnatctt	660
tttacttaaa	ctcaagaggc	agtgcaggn	agtcaggggc	aagacattac	atttttcata	720
ctttccca	tctgaaaaga	tgacagggga	aactgcaaag	cc		762

<210> 3272

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3272

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gcactgcgtc aagccactcc tggagaagaa tgatgtggag aaagtgggtg tgggtgatttt      120
ggataaagag caccgcccag tggagaaatt cgtctttgag atcaccacgc ctccactgct      180
gtccatcagc tcagactccn tgttgntca tgtggagcag ctgctccggg ccttcacact      240
gaagatcagc gtgtgcgatg ccgtcctgga ccacaacccc ccaggctgta ccttcacagt      300
cctggtgcac acgagagaag ccgccactcg caacatggag aagatccagg tcatcaagga      360
tttccccctgg atcctggcgg atgagcagga tgtccacatg catgaccccc ggctgatacc      420
actaaaaacc atgacgtcgg acatttttaa gatgcagctt tacgtggaag agcgcgctca      480
taaaggcagc tgaaggggca cctgcacccc actgatgcc aaactgtcag actttggggg      540
atccccgcct tagggcagtg ctgcatggct gccctgattc caaagtgtc ttatgcctc      600
tgtgtgtggg atcgcccgcc ccaaccccg ggccgcttna gtcttgcttg gnaggatgcc      660
ttccccccagg anggcagtga ngggatgcc caacctngac ttnttannct cctgggggtt      720
ccgcccggcn aaaactggct gnettaata ctgggcttg nagttgtttc aataaaaggc      780

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<210> 3273

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(926)

<223> n = A,T,C or G

<400> 3273

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gnnnnnnttn tanncccttt tcnaatnctt ggaatttgac ntcgttgtnt gatcccatcg      60
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tgaagagcat tgntgaagag ttaggaggtc tccctttgtc ctacattntc cgntttttta      180
gaatgagaag atgagaacga cctccagttc acatgacggc tgcngngagg atccagtang      240
ggagatacag tgctcagcac caagcatgtg caagttagca caatccaatt ttacatcatg      300
ttaccctcc aggacagttg ctttgacgtg gaaggtatag agggagttga aagganggtt      360
tgcatgggtg gcagangtgc cctgcagcct tcctntncaa gctgnaancc gttntgncc      420
ncctggaanc ngttggaaag tgtgtggtat ggnatgaaga tcccatthttg actctgttcn      480
tgatcttgnt tactnaagtg anccttgctc nttagcngta ttggatgatn cattgatcct      540
ancatccct taactggctg ggtgntgctn cngggggaca ttgntttttt nncaatttcc      600
aatgcatncc ttnnngnanc tntttcctgt cacancanc caattnaatt natancctgt      660
gnattngaanc cnaanttcc cagggccgtn ngntagtctn tntaaaanng ggntcaanta      720
aantttnnnt atgangcctn tngtataann tttntaacc atnggnntnt atgncnantt      780
ncaacctgng gttntcttn ataactnggc nnttttgtaa attcnnngtn tntntgata      840
atntacnttn ttttctttna tnagnggctt tatntcaaan taatccnca atanntaata      900
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<210> 3274

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3274

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tctggcattt	gtgctattgt	tcattctctg	tgaaggctgt	tcatagttgc	tatagcctgt	180
gttttagttt	gtgatttcat	caatcccatc	tttccgcgng	antaatgcat	tctaaacatc	240
ctaccccact	ttagaaacgg	acgtggggaa	cgcttggtca	tttaagccaa	caataaatit	300
aggtgaatgt	ccctaagtgt	ttactgnntt	tatccagtca	aggatttgct	tttccttgaa	360
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tgaatctat	tatttttagt	agcctacttg	gcatttacta	catcggtcac	ttctccaggc	480
tgccctaaat	taggttgatg	gagtgaagca	tgccaaacat	tcacctttgg	gaccatagca	540
tagttaaaa	taaatgtagt	tggaatagct	agcattgcag	ctacagtagg	ggaactgtag	600
tctanttccc	ctcagaaaaa	cccaaggagt	tgaanggaca	ggattttgnc	tangcnaaaa	660
atctaagact	cgtgcccttc	tggtacatng	gggttttaag	actggaatgt	gtaataggag	720
cactgccttt	gcccaatcna	atgantgaca	ggttaactnn	gaaaatggga	caatcacatt	780
tccncttac						789

<210> 3275

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3275

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ttctgccaca	caaagaactt	ggggtgtaag	gataaggcaa	aagctccaat	cccatttttc	180
agttctccta	ggatgcaccc	ctcagggagc	ctggccagag	ttccgnngcc	cgtgagcgtc	240
agctgttgct	ttattttcca	tcaaagccct	ctgagaagtg	agacctcagc	aattccggga	300
gccacataga	gacagacttg	gcaagggacc	ccctggntct	gagccagtag	ctgccatctg	360
gaaattcctc	ttttagcctc	tccttagagg	tgaatgtgaa	tgaagcctcc	aggcaccgcg	420
tgaatttctg	aggccttgct	taaagctcag	aagtggttta	ggcatttgga	aaatctgggt	480
cacatcataa	agaacttgat	ttgaaatggt	tttctataga	aacaagtgtc	aaagtgtacc	540
gnattatact	tgatgttggt	catttctcaa	gtcctatttc	tcagntctat	nattntagaa	600
cctangtcag	ttctttaagn	attataactg	gncctacatt	aaaaaaatgc	ttctcgaaaa	660
aaaaaaanna	tnnnantaca	aannaaaaan	cttcgaccct	ttaaaacctt	ttggggngcn	720
gatttacctn	ngaancccg	cctgatnaga	aanccntggt	taaagtntgg	anaaacccca	780
cctnnaaagg	cnagggnaaa	aaaaagcccn	tttc			814

<210> 3276

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3276

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ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240

ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagtgtga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	ngntttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcaggcc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcacattca	660
caatgggttg	ggctccttgg	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
ggnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccctctta	anaattntac	780
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<210> 3277

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 3277

ngnnnnnttt	ttnnnnccgg	tttgaaatcc	ctttgaattt	gnaatcggtg	gtgatcccat	60
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acattttaaa	acgtggctct	gaaatggaca	acaactgctc	accaaccagg	aaagacttca	180
ctgaagatac	catcccacga	acacaggata	gaaagaanga	anccccgcct	gtatttttcc	240
agcaaatata	acaaagaagc	tcttagcccc	ccacgacgta	aagcctttta	gaaatggaca	300
cctnctcggt	caccttttaa	tctcggtcaa	gaaacacttt	ttcatgatcc	atggaagctt	360
ctcatcgcta	ctatatctct	caatcggtacc	tcaggcaaaa	tggcaatacc	tgtgctttgg	420
aagtttctgg	agaaagtatc	cttcagctga	ggtagcaaga	accgcagact	ggagagatgt	480
gtcagaactt	cttaaaccctc	ttggtctcta	cgatcttcgg	gcaanaaacc	attgtcaagt	540
tctcagatga	atacctgaca	aaagcagtg	aaagttnca	attgagcttc	atgggattgg	600
gaaatatggc	aacgactttt	taccogaatt	ttttggggcn	aatgaagtng	gaagcaagg	660
gcaccctgga	gaacccccaa	nttaaattna	attttcatga	cttggctttt	gggaaaaaaa	720
anantgctt	nttaaaaaaa	aaacttgagg	cctttttgaa	cttttgggg	gtcggnttta	780
cctagatccg	gaccttgnta	agntnctntg	gntggnc			817

<210> 3278

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3278

gnnnnnnttt	gaaanccctt	tcnaatnctt	ggcattgntc	tctttgcagg	atccctcgat	60
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ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagtgtga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480

gaaactattc	agagaaaact	taagccacta	agttttatgg	tgttttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcangcc	600
agcatttttt	ccttgaaaac	ctggagcatg	tatccatctt	atagcagaga	tcactttcac	660
aatgggtggg	ctcttggatt	tgaattgatg	atgtaatgag	ccctctttnc	ngattgnaac	720
ttaattactc	tgggnatttg	ntggattccc	aaccttctaa	tatttacttt	tcctctttan	780
taanc						785

<210> 3279

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3279

gnnnnnnttt	gaaanccctt	tcnaatnctt	ggcattgntc	tctttgcagg	atccctcgat	60
tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagttga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	tgttttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcangcc	600
agcatttttt	ccttgaaaac	ctggagcatg	tatccatctt	atagcagaga	tcactttcac	660
aatgggtggg	ctcttggatt	tgaattgatg	atgtaatgag	ccctctttnc	ngattgnaac	720
ttaattactc	tgggnatttg	ntggattccc	aaccttctaa	tatttacttt	tcctctttan	780
taanc						785

<210> 3280

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3280

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ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagttga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaataggg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	tgttttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcangcc	600
agcatttttt	ccttgaaaac	ctggagcatg	tatccatctt	atagcagaga	tcactttcac	660
aatgggtggg	ctcttggatt	tgaattgatg	atgtaatgag	ccctctttnc	ngattgnaac	720

tttaattactc tgggnatttg ntggattccc aacettctaa tattttacttt tcctctttan 780
taanc 785

<210> 3281

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3281

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tcgctgacaa	cttgattggg	ttctccttca	ggtttgaagc	gccctcgaga	agtgtctaaa	120
ggagacagtt	gatagccaaa	caacagtttt	ggattcactg	actgattatg	aaagaagcag	180
tagactggta	tcaagaatca	gtcagcaagg	aggccctcac	cagacgccag	tgccatgttc	240
ttggacttct	cagcctccat	attcatgaac	taagtttttg	gaatcccttag	gcttccacgt	300
gtggaaagcc	tgagctaacc	tactggagga	tgagccatca	cctggagcag	attcaggcca	360
tcctagtgtga	agcctcccta	ggccaagcaa	ccgtccaact	accagacatt	gaccattcag	420
ccttgaacat	tcagcacaaa	gacaaaacag	accagaccag	aagagtccca	cagaatangg	480
gaaactattc	agagaaaact	taagccacta	agttttatgg	ngntttgttc	tgtagcagaa	540
gcatagggcat	actgacaata	caaaccgaaa	tccttctaac	gtagtggacc	ttttcaggcc	600
agcatttttt	tcttgaaaac	ctggagcatg	tattccatct	tatagcagag	atcactttca	660
caatgggttg	ggctccttga	tttggaatgg	atgatgtaat	gaagccctct	tntncagatt	720
ggnaactaat	tactcttggg	gaattgactn	ggattccaca	ccccttctta	anaattntac	780
tttttctctt	tttatcaaac					800

<210> 3282

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3282

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gcaagccagg	agtgtctggc	caggcctgtn	gtcgcancta	ctcnggaggc	tnacgccgga	120
ggatcgcttg	agccancag	gtcaaggcta	cantnagccg	tgatcatgcc	actgcactnc	180
aaactgngng	acacagngag	accctgtctn	ttaacaacan	ancccatgag	cggcangccc	240
cccagtctgg	atggttgtaa	agaatcctta	agatcaaacc	cacgcagtgc	ttaaagcttg	300
gcctgattct	agggtctggg	ctggacaaac	tgctanagat	natgccgata	gccngtgtga	360
tccccctgnc	ctgatngtna	anggcatagt	gcagantgga	accctttccc	tccccaaan	420
attcagacct	gnngggctga	gtgggcctta	ttgagtcccc	aaagtctctga	gaanctnggt	480
ntctggcttt	tagccttcag	ctttcttagg	ttntgatgca	atnagttgng	ttccccctgcc	540
cttttcttgc	catgcacttn	cgaangaang	gtttncnggg	ttgcntggga	ancnttnccc	600
naacngcctn	ttanccaccn	naagnttttn	nngaatacanc	acttccctnn	ggggggggaat	660
acttttaaat	nccggaagnc	ctttnaacnc	ccttgggntc	cttccccnga	ntaccaagc	720
ttnaaatcca	aaattaccgg	natcnttagg	gctttgtagc	ntntgggttn	ggnttttgcnt	780
nttttttctt	aanctttntt	tnaataaacc	aatttcttnt	gnnacncc		828

<210> 3283

<211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(898)
 <223> n = A,T,C or G

<400> 3283

ttgtanncct	tttctnatag	cttgggtcttg	actccttggt	gateccctnt	ncnaattcgg	60
cacnggatta	cctncaaatc	tcaaggcggc	cttgaacatt	gagaaagaac	taccaaagcn	120
tagacacgtt	ttcagaagga	agacagcctc	ctccaggagc	atcttaccgc	acctcttggtc	180
accgtaccaa	atggcgatcc	gagcnanccg	actggangag	agccgagcgg	cggcgctccg	240
agagctccag	gagaagcagg	ctctgatgga	gcagcagaga	cgagagaaaa	gggcactgca	300
ggagtggaga	gagcgagccc	agaggatgag	gaagaggaag	gaagagctca	gcaaactcct	360
gcctccgcgg	aggancatgg	tggcatcaaa	gattcctctg	ccacanatct	gatagataac	420
aggaaagttc	cactgaatcc	gcctggaaaa	atgaaaccaa	gcaaagagaa	atcgccacan	480
gcaagtaang	aaatgagtg	cctgcangag	agaaatttag	nagagaagat	tnaacagacc	540
gttcttcaaa	tgcgttttag	cnangaagan	ttccttgggc	tatgccccca	cttggttaagg	600
aanattnatn	naaaaggcct	nncctnangg	gnttctgggg	aaaatttggc	ccaccantat	660
gnttnncntg	ggnatttgaa	aaantatttt	tgganaaagc	cttaanaaat	tttgggggga	720
atttaaacc	tttggttaacc	caataggtat	ttggtatnta	actgggggtn	ggngnncctt	780
tnacttgggg	aaaacntttt	tccctttggg	cccttngccc	tgtcagcnac	naatgctttt	840
taaaaattnc	ctttttattt	taacctcnan	atattttggg	ttaaattatt	angnancc	898

<210> 3284
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3284

nctaagtctg	ggctctcggt	ctttccgcag	gancccatcg	attcgaaaaa	ttgtgatgta	60
agtggtagag	tggggagaat	ttagggctct	cagaatgcag	aaaactagcc	acctccagtt	120
ctgtgcctga	ccaccatctg	actttggata	aatcccttct	gctctccac	ctagctttat	180
catttgtaaa	atgagtctct	aggtacagcc	ctttctgggg	ttgagacaga	gtttctgagg	240
agtaaaagcc	atgtcattgt	ggaaacaggc	agctattctc	acagctggca	tgagcccact	300
actcccctat	aatcagtgct	gataaactgc	tctcatttgt	tggacttcag	actttcctga	360
cccactttga	atgggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tgggttaaat	aaaaagcaca	gtgcaaaatg	gtgcatatga	tatcctacct	480
tttgggtaaa	ataaaaaaaa	aaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	540
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttatttg	tgaattttgt	gatgctattg	ctttatttgt	660
aaccattata	agctgcaata	aacaagttaa	caacaacaat	tgcatt		705

<210> 3285
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3285

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gagtttacat	tttgtttgaa	tcaggatcca	aataaggttt	aaatattgca	atttgattaa	120
tacattaaga	ttcttttaat	ctataagttc	ctgctccatc	tgtcatttta	tttttatccc	180
ttgaaattta	tttattgaag	aaactatata	ctttgctttg	taaaattttc	cacagtgtgg	240
ctggcttttg	ctgattgcta	gcgtcatttg	ctattttattt	ttgtcctgta	tcttgatct	300
ggcgcttga	tcagatttaa	gttgattttt	ggggacgtaa	ttacttcata	ggtattatgc	360
atttttggat	agaggagtaa	agtagtgaaa	gtaatgtttt	taggatgggt	tgtctggcag	420
cagtgtgcaa	aatgaattgg	tagaggagaa	atggagagct	gcgaattaga	aggcaggttc	480
aatcagtga	ggaaggaaa	gctacagtaa	ggcagaggca	gggaaaagaa	aggcaataga	540
gatgagagag	attttgaaa	aaggaatttt	caataccttt	taggcttaac	tataagaaat	600
ggagagtcgg	ctgggcatgg	tggctcatgc	ctgtaatccc	agcactttgg	aaggccaagg	660
ccagtggatc	acctgaggtc	aggagttaa	gaccaacctg	c		701

<210> 3286
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3286

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tgattatgaa	agaaataagg	cacaaccaca	gtttttcttt	cttaaatttc	atcactgttg	180
atgtggttct	tttgtgttaa	aaaaaaaaag	tgcaactatc	aaaactaaaa	aattatagag	240
taatattgcc	gttctgctga	ttttaaatat	acaatacatc	atacatactt	tacaagcaag	300
ttaaatggag	ataaagttga	aatcatagaa	gatgcaaatg	acctttcaaa	atcaacacaa	360
tgtgttctga	aactttcgtg	actaatacca	tgcattctgtg	atcaatgaac	tatgtgggtt	420
tgaatcggat	gtagaccatt	agtactacta	cttgagctaa	acttctgcat	ggttcataat	480
ttttaaagt	tgtagttaat	atgcatgtta	tcgtcctttc	ttccattctt	aacagtatgt	540
gccattttgc	aaaacaaaaa	tgctaataat	cagtaatatg	cctataaaa	atgttaactc	600
gttttagtca	ttgactgata	ttgctctaac	cttaaaattt	tgtgattatt	gacctctgtt	660
gcatttatte	taaagccccc	caaaaattat	ctagccggtt	cgaag		705

<210> 3287
 <211> 700
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(700)
 <223> n = A,T,C or G

<400> 3287

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agcgagccg	attctgcccc	ctacgattgg	ttcggggact	tctcctcctt	ccgtgccctc	120
ctagagccgg	agctgcggcc	cgaggaccgt	atccttgtgc	taggttgccg	gaacagtgcc	180

ctgagctacg	agctgttcct	cggaggettc	cctaattgtga	ccagtgtgga	ctactcatca	240
gtcgtggtgg	ctgccatgca	ggctcgctat	gccccatgtgc	cgcagctgcg	ctgggagacc	300
atggatgtgc	ggaagctgga	cttccccagt	gcttcttttg	atgtggtgct	cgagaagggc	360
acgctggatg	ccctgctggc	tggggaacga	gateccctgga	ccgtgtcctc	tgaagggtgc	420
cacactgtgg	accaggtggt	gagtggaggtg	agccgcgtgc	ttgtccctgg	aggccgggtt	480
atctcaatga	cttctgctgc	ccccacttt	cggaaccagac	actatgcccc	agcctattat	540
ggctgggtccc	tgaggcatgc	tacctatggc	agcgggttcc	acttccatct	ctacctcatg	600
cacaagggcg	ggaagctcag	tgtggcccag	ctggctctgg	gggcccacaa	cctctcacc	660
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<210> 3288

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3288

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gagctgtgat	ctgccccag	gtattctgac	ccccaaactg	gctctcaacc	atgtttacat	120
gatgaaaaga	agaggtgact	gttgatcatg	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaattt	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataacc	ctgtcctata	aagttgactt	gcaaataag	300
aaactctatc	tcttcaatat	tataaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggctgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatgttgaga	ggagaggtac	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
aggtgacaac	tgattgggcc	ttgaggtatg	aatggattta	gccaggcaat	taaataggaa	540
agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtggg	gtgattgtga	tgaagcttga	660
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<210> 3289

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3289

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gagctgtgat	ctgccccag	gtattctgac	ccccaaactg	gctctcaacc	atgtttacat	120
gatgaaaaga	agaggtgact	gttgatcatg	ctctaaaggc	ctcacttttg	gtgaaatggg	180
acctaaattt	gattgcatac	ttgattactt	gctgtcaata	ctgaaattgg	cacttcataa	240
ttttaatact	attgaacttt	caccataacc	ctgtcctata	aagttgactt	gcaaataag	300
aaactctatc	tcttcaatat	tataaaatat	atccaagagt	cacaactagt	gagaaaagga	360
caggatctaa	ctaacaatgt	gaggctgtgt	cttcacacca	attcaacaga	gtatcttgta	420
aatgttgaga	ggagaggtac	tttaggtcat	gggtgtcttt	caataagtgc	tttagaaaac	480
aggtgacaac	tgattgggcc	ttgaggtatg	aatggattta	gccaggcaat	taaataggaa	540
agcagatact	caagacagat	taaaacagct	tgagagaagt	gaaatgagca	agtgtgaagac	600
aattgatact	gtccatggat	tttagaaaagt	gtgaagtggg	gtgattgtga	tgaagcttga	660

aagattgcct ggggccaggc tgttgaangc ttggtttgct tant

704

<210> 3290
 <211> 700
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(700)
 <223> n = A,T,C or G

<400> 3290
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 ctttttttat gcaattcagt ttgttctcag tgatgagttt agtcatcttc gtccagaaca 180
 gcggttggtt ttattgcatg aagggtactgg tcctcgtgtt atttctgctt ttgtggagat 240
 tatttttgat aattcagaca accggttacc aatcgataaa gaggaagttt cacttcgaag 300
 agttattggt gccaaaaagg atcagtattt cttagacaag aagatggtca cgaaaaatga 360
 tgtgatgaac ctccctgaaa gcgctgggtt ttctcgaagc aatccttatt atattgttaa 420
 acaaggaaaag atcaaccaga tggcaacagc accagattct cagagattaa agctattaag 480
 agaagtagct ggtactagag tgtatgacga acgaaaaggaa gaaagcatct ccttaatgaa 540
 agaaacagag ggcaaacggg aaaaaatcaa tgagttgtta aaatacattg aagagagatt 600
 acatactcta gaggaagaaa aggaagaact agctcagtat cagaagtggg ataaaatgag 660
 acgagccctg gaatatacca ttacaatca ggaacttaac 700

<210> 3291
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 3291
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 gaaatctttt ggatcactta acaagaatga gatctaactt tttgaagagc actcgcagat 180
 ttctgaaagg acaggacgaa gatcaagtgc acagtgttcc tatagcacia atgggggaact 240
 accaggaata cctcaagcaa gtaccttctc cactaagaga acttgatcct gatcagccac 300
 gaagggtgca tacatttggc aaccccttta agctggataa gaagggtatg atgatagatg 360
 aagcagatga atttgtggct ggacctcaa ataaacataa acgaccgga gaaccaaata 420
 tgcaagggat ccctaaaaga cgtcgggtgta tgtctccact actaaggagc agacagcaga 480
 atcctgttgt aaacaatcat attgggggaa aaggaccacc tgcacctaca actcaagcac 540
 agccagatct tattaaacct ctctctcttc ataaaatttc agaaaccact aatgattcga 600
 taatacatga tgtggttgaa aatcatgttg cagaccaact ttcacagac attacaccaa 660
 atgctatgga tacggaattt tcagcatctt ctncagccag ttag 704

<210> 3292
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3292

ctaagtctgg	ctnttggtct	ttttgcagga	tcccatcgat	tccaattcgg	cacgagccca	60
catgtaccag	gttgagtttg	aagatggatc	ccagatagca	atgaagagag	aggacatcta	120
cacttttagat	gaagagttac	ccaagagagt	gaaagctcga	ttttccacag	cctctgacat	180
gcgatttgaa	gacacgtttt	atggagcaga	cattatccaa	ggggagagaa	agagacaaag	240
agtgcctgagc	tccaggttta	agaatgaata	tgtggccgac	cctgtatacc	gcactttttt	300
gaagagctct	ttccagaaga	agtgccagaa	gagacagtag	tctgcataca	tcgctgcagg	360
ccacagagca	gcttgggttg	gaagagagaa	gatgaaggga	catccttggg	gctgtgccgt	420
gagttttgct	ggcataggtg	acaggggtgtg	tctctgacag	tggtaaactcg	ggtttccaga	480
gtttggtcac	caaaaataca	aaatacaccc	aatgaatttg	acgcagcaat	ctgaaatcat	540
ctctagtctt	gctttcactt	gtgagcagtt	gtcttctatg	atcccaaaga	agttttctaa	600
gtgaaaggaa	atactagtga	atcacccaca	aggaaaagcc	actgccacag	aggaggcggg	660
tccccttggtg	cggcttangg	ccctgtcagg	aaacacacgg	g		701

<210> 3293
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(705)
 <223> n = A,T,C or G

<400> 3293

nctaagtctg	ggctctcggt	ctttccgcag	gancccatcg	attcgaaaaa	ttgtgatgta	60
agtggtagag	tggggagaat	ttagggctct	cagaatgcag	aaaactagcc	acctccagtt	120
ctgtgcctga	ccaccatctg	actttggata	aatcccttct	gctctccac	ctagctttat	180
catttgtaaa	atgagtctct	aggtacagcc	ctttctgggg	ttgagacaga	gtttctgagg	240
agtaaaagcc	atgtcattgt	ggaaacaggc	agctattctc	acagctggca	tgagcccact	300
actcccctat	aatcagtgtc	gataaaactgc	tctcatttgt	tggacttcag	actttcctga	360
cccactttga	atgggggcca	ctttgaatgg	aaactttcta	tgtattgaat	taaaagatct	420
ccaagataaa	tgggttaaatg	aaaaagcaca	gtgcaaaatg	gtgcatatga	tatcctacct	480
tttgggtaaa	ataaaaaaaaa	aaaaaaaaaaa	aaaaaactcg	agcctctaga	actatagtga	540
gtcgtattac	gtagatccag	acatgataag	atacattgat	gagtttggac	aaaccacaac	600
tagaatgcag	tgaaaaaaat	gctttattttg	tgaaatttgt	gatgctattg	ctttattttgt	660
aaccattata	agctgcaata	aacaagttta	caacaacaat	tgcatt		705

<210> 3294
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3294

gnnnctaagt	gcngggctct	cggtctttct	cgcaggatcc	cnncgattcg	aattcggcac	60
gagctctatc	ttgtttattg	ttgatgccat	cttagaggaa	aaaatgtaaa	ggtaagtaat	120
taagcatatg	acagcaacaa	ataagatact	tataacctaa	tgggacttta	ttttgtagtt	180

ttatgtatta	caaaaaatcc	acctttctct	aaggggaagt	ttgtacccca	ttgattcttg	240
gtgccttttg	gatcgactgg	gttttaaatg	cctagttatt	tgaggatttt	gctgtgttgt	300
tttccatgtc	ttctctgggc	accttggatt	atatataaaa	atacaggaaa	tagataaaca	360
tgaatgtgat	taataatgct	gaaaaagtat	tagcctacca	aagacacact	caggcttttag	420
tgaataactt	tacataacct	cagtttttaa	cacatgcata	tcttctccaa	ccatgaaatc	480
aaagcacggg	gcagaacttg	taccaagtac	aaaagggtcca	tgtatgatta	gcattatttt	540
cttttgcttt	tgtttatgga	caatgttcag	ctgacataag	cagaagttgg	ccaaaatact	600
gctgtactg	ttaatttctc	gtataattca	cttaaataaa	agcagggttaa	cctcaatgat	660
agcagttaaa	atgttctatc	ttatgtattt	cttttaagta	ttaccattan		710

<210> 3295

<211> 1073

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1073)

<223> n = A,T,C or G

<400> 3295

ttnactnadc	gcttggttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ggtaaagagc	aagtaatgag	cttgtecgtc	agctggtagc	tttcattcgt	aaaagagata	120
aaagagtgc	ggcgcatcga	aaacttggtg	aagaacagaa	tgcagagaag	gcgaggaaag	180
ccgaagagat	gaggcgccag	cagaagctaa	agcaggccaa	actgggtggag	cantncatat	240
annanntctg	gtcgnctntn	gnctntttgt	ttantcnnat	centccccct	nccnctcnc	300
tnntccnccc	tcttatnact	tctnttttcc	ntctttnttc	tnnccccctc	tcncttnna	360
tcttccnmtt	ntnmtnttcc	ntcccttctc	ncnctnctc	ttctctcctt	cctcttcatt	420
ctntccnctc	ccttctctct	ttcactctcn	tcncttctct	tctctattct	cttcnntcnn	480
tncttctctc	tatccactna	cntcctntct	ctctcatccn	atctcatnnc	tctctctcat	540
nctantntct	tctctccact	ttctctctac	natntctcnc	tactctctna	tcanaanacct	600
ctnttccnct	ttctatcnct	ctctactnct	ctctctctct	tactatctct	ctntctnttc	660
tttctctcnc	ntctctctac	ttctactntt	tatttctctn	nttctcatca	gtctcttnct	720
atctctttct	ctnctgttta	ctntctnctc	ctctatctct	tnctatntct	ccttctctct	780
cctcctatnt	ctanatcatn	tctctntcat	ctnntctctc	ccctttctatc	cgtctcnacc	840
aantnctntt	acntgcntcc	tcnccnctc	ttctttttca	tattctctct	ctcttctntn	900
ttctnactct	ctccctctct	ctctnttctc	actgcntgct	tctncaactnn	ctccttanct	960
acanccatna	ctcacctcat	ctcatctcct	cnnctcncct	tctctcncat	ntntttctct	1020
nctttntatc	catctttctt	cntnccctct	ctctcacact	actnttctct	nnt	1073

<210> 3296

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 3296

ctaattggctg	gnngctcggt	ctttccgcaa	cancnccngcg	antcgaattc	ggcacgaggt	60
ccgaagaaaa	agactgtggt	ggcggagatg	ctctctccaa	tggcatcaag	aaacacagaa	120
caagtttgcc	ttctcctatg	ttttccagaa	atgacttcag	tatctggagc	atcctcagaa	180
aatgtattgg	aatggaacta	tccaagatca	cgatgccagt	tatatttaaat	gagcctctga	240
gcttcctaca	gcgcctaact	gaatacatgg	agcatactta	cctcatccac	aaggccagtt	300

cactctctga	tcctgtggaa	aggatgcagt	gtgtagctgc	gtttgctgta	tctgctgttg	360
cttctcagt	ggaacggact	ggaaaacctt	tcaacccact	gctgggagag	acttatgaat	420
tagtgcgaga	tgaccttgga	tttagactca	tctccgaaca	ggtcagccat	cacccaccaa	480
tcagtgcatt	tcattgctgaa	ggattaaaca	atgacttcat	ctttcatggc	tctatctatc	540
ccaaactgaa	attctggggg	aagagtgtag	aagcagaacc	caaaggaacc	atcaccttgg	600
agctccttga	acacaatgag	gcatatacat	ggacaaatcc	cacctgctgt	gtgcataata	660
tcattgtggg	taaactgtgg	atcgaacagt	atggcaatgt	ggaaat		706

<210> 3297

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3297

nctaagtctg	ggctactngt	tctttntgca	gnatcccatc	gattcgaatt	cggcacgagg	60
acagcccca	tcggggagca	ggagggcctc	ctgccttggc	atatagacc	ctgggcgcc	120
ccctgggatg	cccaccaggc	ccagggatcc	acctaggtgg	gtttggcaac	cctgggtgatg	180
gcagtggtag	tggcacatcc	tgcctttgca	gccagccctc	cgtcacacgg	actgtgcaga	240
aggatggacc	caacaagggg	cgccagttcc	acacatgtgc	caagccgaga	gagcagcagt	300
gtggcttttt	ccagtgggtc	gatgagaaca	ccgctccagg	gacttctgga	gccccgtcct	360
ggacaggaga	cagaggaaga	accctggagt	cggaaagccag	aagcaaaagg	ccccgggcca	420
gttcctcaga	catgggggtc	acagcaaaga	aaccccgga	atgcagcctt	tgccaccagc	480
ctggacacac	ccgtcccttt	tgtcctcaga	acagatgagc	tcagggtagg	gtagagaacg	540
ccactttctc	agacctgtcc	cctttgtgtt	tagaaatgag	ttaaccagga	ccaagtggcc	600
athtagtgtc	ctggaaactt	agaggacagt	gttggccttt	ggagtcgggc	cttcttgtgt	660
taaggggcac	aaggtccaga	tcactctgga	gcaggccagc	ttctgttgg		709

<210> 3298

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3298

gtncnaatng	ntntgtagat	cganntagcc	taaacaaatt	ggcttgnccg	cccttccttc	60
tgtctctgga	gaccttgac	ttggggaaat	atggaggggt	gtgtgtctgc	aatcaaggcc	120
tctgcagctc	acggctggcc	cggtgggctg	ggacttccgt	ctgaatttta	aatacttagg	180
gttcattttt	ttttctctgg	caacaaagct	tgatgttttc	actgcttttag	tttctgtttt	240
gctgggtggga	ggggatacgg	tctgtgactc	tggacttgct	ctgggggaac	agttgtcact	300
gcccccgggg	agaggggcag	cttgggctgg	agaagcacag	ccagagacag	agccccctga	360
gagggatcct	tggctgcttc	attgtcttcc	ccccagcaag	ccctgctctc	cacaggcacc	420
tctgggggtct	tggataggte	cccgtccacc	tccttcacaga	gtcctgagtg	gtgtgggtgt	480
gggtggcaca	ggatctgggg	catgggangg	gtcagagctt	ccagagcccc	ntgtcctgnc	540
anactcagct	ngtgggctgg	ngtggttaacc	ccagtcctgg	cgtangttta	cagnctctca	600
aggtacntng	nccctgntc	tcctgggana	nangmntcnn	tnatgatccc	taccaaagca	660
catgtnggat	naaggctgnc	nnntgcnttg	nttcganagc	cngaagccc		709

<210> 3299
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (783)
 <223> n = A,T,C or G

<400> 3299

gtaantaatt	anctgnagct	cgaantagcc	taaacanatt	ggctngncga	attcggcacg	60
agacccgagg	ctcgggtgtac	taggtgcgaa	tgccgccttc	tgtggtgacc	actgtcttct	120
catcctttgc	acctatagga	ggtgagtgcc	tttggggaag	acggcgaggg	cgacgacctg	180
gacctatgga	cagtgcgctg	ctctggacag	cactgggagc	gtgaggctgc	tgtgcgcttc	240
cagcatgtgg	gcacctctgt	gttcctgtca	gtcacgggtg	agcagtatgg	aagccccatc	300
cgtgggcagc	atgaggtcca	cggcatgccc	agtgccaaaca	cgcacaatac	gtggaaggcc	360
atggaaggca	tcttcatcaa	gcctagtgtg	gagccctctg	cagggtcacga	tgaactctga	420
gtgtgtggat	ggatgggtgg	atggaggggtg	gcagggtggg	cgtctgcang	gccactcttg	480
gcagagactt	tgggtatgta	ggggtcctca	agtgcctttg	ngattaaaga	atgttgggtct	540
atgaaaaaaaa	aanntnnccc	antcnccaan	ncnttctnncn	nnanctcnnt	tnntnctncc	600
antttnnccct	ntnccnccct	ntctnccnct	acttccnatn	nacnataca	tccccntcac	660
ttnattaant	ccnatnttan	antngcncnc	tnntcnnaen	ntcntctcat	acntggtntn	720
atcanttctc	tanatectct	ctcnnctctc	cgnegctnna	ctncttctn	tancactcac	780
cct						783

<210> 3300
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (705)
 <223> n = A,T,C or G

<400> 3300

atgctgganc	taatnctggc	ntctcgttct	ttccgcagca	ccnccgattc	gaattcggca	60
cgaggcctgc	tgcttcatgc	cgcggcgctc	ctgctccacg	tctctgtgct	gctggggccct	120
gcactgtcgg	ccctgctgcg	agccccacag	cccctccaca	tggctgccct	cctcctgctt	180
ccctggctca	tggtgtcac	aggcagagtg	tctctggcac	agtttgctt	ggccttcgtg	240
acggacacgt	gcgtggcggg	tgcgtgctg	tgcggggctg	ggctgctctt	ccatgggatg	300
ctgctgctgc	ggggccagac	cacatgggag	tgggctcggg	gccagcactc	ctatgacctg	360
ggtccctgcc	acaacctgca	ggcagccctg	gggccccgct	gggcccctgt	ctggctctgg	420
cccttctctg	cctccccatt	gcctggggat	gggatcacct	tccagaccac	agcagatgtg	480
ggacacacag	cctcctgact	ccaggaagag	ccagagctgt	gcagggagga	aggggtgaga	540
ggggggcccc	cacacctaga	ctcagtaagg	aagtgcgggtt	ggaccttaac	atctgcattg	600
gacaactcca	ccccttctct	ggccttgccc	ctgcccgcct	acactcctac	gtgtccaggg	660
cttggggccc	tgacttangc	agaggagtgc	agaggagggg	ctggc		705

<210> 3301
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3301

tntctnaatn	tgntnncgna	tcttgaggac	ccatcggttca	attccgnncc	naggggggnan	60
ctncccntac	tccontggatg	tgtgtaccta	gcacacttcc	ttctcccacc	cctttttcca	120
gttggtttg	tttttctgtt	ctcttctgtc	ctgtcttata	ctgcaactgt	gtctcctagg	180
ggacagatgg	ccttctttgt	catcttcact	ctccaccccc	agagaggagt	cagagccata	240
actcaatcac	tcagccccc	caaagatagt	tgatgtgtga	taatctcata	atggtgagaa	300
ccctgatgag	atacattgtc	ttcctctccc	tacaatgcct	ctggggccaa	ggcaccatt	360
cttcttgcta	tcctccatcc	cccttgaggc	ttccactttt	ttttttttta	gacataaagc	420
tgggcatcag	caactggcct	gtggtgatgc	aaagctgctt	tgctctgnat	ctggctggac	480
tgatctgtct	cacaagaagc	catgaggcca	tagggagaag	ctccctctcc	ccttcatctt	540
ctgctccaaa	ggtggtanca	agaggagtac	ccagttaggg	gttggagccc	ccatatnaca	600
tcttctgtc	agaagactga	tggatctttt	tcattccaac	catctccctt	ttccccgat	660
gaatgcaaat	naaacttttg	tgacaccagc	aaccattg	tctttanaat		710

<210> 3302
 <211> 709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(709)
 <223> n = A,T,C or G

<400> 3302

nnatgctggn	nctaagtctg	gtactngtt	ctttngcag	gacccatcga	ttcgaattcg	60
gcacgagga	ctaacttaca	gaggagctgt	gtatcctgaa	gattcagcga	ctggcaagga	120
atttccttgg	gagcaatgtg	tgaggaggc	catctgagga	gatctgtggc	tttcttttgt	180
tgtgggaatc	tggcttatgg	atgaatctac	gacacaggat	tgtgaaatta	cagctctttg	240
ggaacaaaag	gaaggcagta	ttgcatgact	tagtttccca	gcttcacttt	ccctttggca	300
tgggtgagttt	gggttcttga	gagtctattt	tctttcacac	ccatcagcac	tgtaagtaa	360
gcaggaagac	aacctgaggt	tgtctcttta	ctttgagttc	ctacataata	aattgcagcc	420
taatttagta	cataaaccca	aacctaat	aggagtaaat	tttttgtagc	agatagccag	480
atttcagcca	atcacaggct	tcagctaac	aagactatgc	ccaaataagg	caaatgcctc	540
atcacatgat	gctcaaataa	ggcagccacc	taggcgaggc	caatcaggta	acttttctac	600
tttgcttaat	tggttcagcct	gtacaaattt	gctgcttatg	actgctgagc	agagctgtct	660
aaacctcttc	tggtttggag	tgctgcctta	tatatgaatt	gttctttgg		709

<210> 3303
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3303

aacgctgggn	ctaaatggct	ggctatcggt	ctttccgcag	nancccntcg	attcgaattc	60
ggcagagct	gcgacccctc	ggaccagtgc	ccgccccagg	cccgtggag	cagcctgtgg	120
cacgtggggc	tcactctgct	ggcggctcctc	ctgcttctgc	tgtgtggtgt	cacagctggt	180

tgtgtccggt	tctgctgcct	cgggaagcag	gcacaggccc	agccacatct	gccaccagca	240
cggcagccct	gcgacgtggc	agtcattccct	atggacagtg	acagccctgt	acacagcact	300
gtgacctcct	acagctccgt	gcagtaccca	ctgggcatgc	ggttgcccct	gccctttggg	360
gagctggacc	tggactccat	ggctcctcct	gcctacagcc	tgtacacccc	ggagcctcca	420
ccctcctacg	atgaagctgt	caagatggcc	aagcccagag	aggaaggacc	agcactctcc	480
cagaaaccca	gcctctcctc	tggggcctcg	ggcctagaga	ccactccagt	gccccaggag	540
tcggggcccca	atactcaact	accaccttgt	agccctgggt	ccccttgaag	gaggtaggag	600
aacggaccag	agcttggaga	actaatgctt	ggagccaagg	gccccagccc	accccaccgt	660
cccacacatt	gctgtggccc	caacctcggt	gccatgttac	accggcccct	gg	712

<210> 3304

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3304

gnanctaata	gcntgggcna	ctcgcttcttt	ccgcagganc	cctcgattcg	aatcggcacg	60
aggagttttt	tgtgatattg	aggcattcat	acagagctgc	agttagacgg	ggttacgggg	120
gctaaaagca	gaaaaaaaaat	tccatttcat	cgggatggaa	ctgaaggatt	ttattctata	180
aagcggccct	ggttgaatct	ggcaattctt	tttgccaaga	tccctagcag	aagatttagc	240
catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggc	300
acgtgagaag	cagaaagagc	tggtaaataa	agccttgggc	aagcgacttc	ttagatcaga	360
actcaccaaa	tggaaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
tttgtataaa	tatatagaaa	cacacacaca	gcctcagact	tacaaactga	ttatactcta	480
aaagtttgta	tgtcagtttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctattt	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660
gtctaaccgg	gggtgccagg	aacacacaca	tcctccatcc	cagcata		707

<210> 3305

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3305

gnanctaata	gcntgggcna	ctcgcttcttt	ccgcagganc	cctcgattcg	aatcggcacg	60
aggagttttt	tgtgatattg	aggcattcat	acagagctgc	agttagacgg	ggttacgggg	120
gctaaaagca	gaaaaaaaaat	tccatttcat	cgggatggaa	ctgaaggatt	ttattctata	180
aagcggccct	ggttgaatct	ggcaattctt	tttgccaaga	tccctagcag	aagatttagc	240
catgtccttc	ccctcacttg	tgtgagtggc	cccttctgaa	tctctccagc	agccagaggc	300
acgtgagaag	cagaaagagc	tggtaaataa	agccttgggc	aagcgacttc	ttagatcaga	360
actcaccaaa	tggaaagccta	gcagctgctc	cataaaccta	gccccattct	tcatatcaat	420
tttgtataaa	tatatagaaa	cacacacaca	gcctcagact	tacaaactga	ttatactcta	480
aaagtttgta	tgtcagtttag	ctaaaacttc	agaatacatt	tctccctata	aagagttata	540
aatgatgggt	tagttctcag	gcagctacaa	atgcctattt	attccctaata	gtacctgaac	600
actagtacca	tagaactgaa	ccaccatctg	tatcagcgca	tggggagtgt	gcattctgag	660

gtctaaccg ggggtgccagg aacacacaca tcttccatcc cagcata

707

<210> 3306

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(703)

<223> n = A,T,C or G

<400> 3306

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tgctctgggg	tctccggggg	ccacagcttg	gggtgagttg	aagacctcag	gggatgtgga	180
gggggtctgcg	gggccctggc	cgcacaggat	ggccttcagg	gaaggtggtc	ttggggcatg	240
gtgcagagca	ggtgaccgga	gggaatcggg	gacggagcgg	ggccaaggga	gggtccgga	300
gggagtcagg	gatggagggc	agagggagtg	gatgtggggg	tttgaggacg	tgtgacaagc	360
tccagcaggg	gtggggggcg	ggctgagggt	gggggtgcga	ggtggtcact	cccatcgtgc	420
ccctggccgt	ccctccactc	acccacacct	ggcccagtc	acgttgagggt	ccaggactgg	480
gaaggaccgg	gtgagtgcac	cggggaccca	ggccagggtg	ccccgggagc	ctgctgggggt	540
ggccagagca	ggaggggggtg	tgtttccttt	ttgtgggtgt	tgcattgcaa	tcaagtggac	600
aagaaaaaat	aacanaacan	anaanaaaaa	aaaaaactcg	agcctctaga	actatagtga	660
agtcgtatta	cgtagatcca	gacatgataa	gatacattga	tga		703

<210> 3307

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 3307

gnncntaaa	tngctgggct	actcgtncct	tctcgcacgn	anccnnncgn	ttcgcacaaa	60
gggagaactt	cctcgaggct	ggaactgggt	tgatgttggt	aagcatttaa	gcaaaactgg	120
ctctaaggat	gatgagtagc	acttgggaatt	tgagacaagg	aaagagcatt	ctttaaagag	180
taaaactggg	ttcaaaatct	ttcattacta	ttttctggta	ttgaggcgac	tttttataaa	240
acacaatttt	ttgtatgttt	cttacattaa	aaagggttga	agttgaaagt	tcatgaagag	300
atcttggtgt	attaaattat	tttcacaaac	ttgccttaat	aaaagggtgaa	aatgttactg	360
tttagtatac	tttatgaagc	cccttgagct	ttataaatgg	acaggcatgg	ggaataagaa	420
tcagtgttaa	tttaaattgat	cttatcctgg	tggatgtgct	atcttcttaa	aggagtatga	480
agcccttttc	aaactatcat	cccagtgagg	cggagtactc	agtgaacagt	tactccatag	540
tgcaatccat	attaataggc	ttcttctctt	aagtcttcat	ctcttctttt	gcttaattac	600
tgaaccgtaa	attacttcag	agaaatttaa	atgctgggtat	ttgaacttta	tacatgatac	660
tttttgtagt	ttcttttaaat	ttttgaaaga	tgaactgctt	ccttttaanc		710

<210> 3308

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3308

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tgctggcnat	cgttctttcc	gcagcagccc	ancgattcga	attcggcacg	agataacaca	120
gactttcaag	gaccaaggat	tggaggtttt	aaagcaggaa	acagcagttg	ttgaaaacgt	180
ccccattttg	ggactttatc	agattccagc	tgagggtgga	ggccggattg	tactgtatgg	240
ggactccaat	tgcttggtatg	acagtcaccg	acagaaggac	tgcttttggc	ttctggatgc	300
cctcctccag	tacacatcgt	atggggtgac	accgcctagc	ctcagtcact	ctgggaaccg	360
ccagcgcctt	cccagtggag	caggctcagt	cactccagag	aggatggaag	gaaaccatct	420
tcatcggtac	tccaaggttc	tggaggccca	tttgggagac	ccaaaacctc	ggcctctacc	480
agcctgtcca	cgcttgtctt	gggccaagcc	acagccttta	aacgagacgg	cgcccagtaa	540
cctttggaaa	catcagaagc	tactctccat	tgacctggac	aaggtggtgt	tacccaactt	600
tcgatcgaat	cgccctcaag	tgaggccctt	gtcccctgga	gagagcggcg	cctgggacat	660
tcttgagggg	atcatgcctg	gccgctacaa	ccaggagggtg	ggccagacca	ttcctgtctt	720
tgcccttctg	ggagccatgg	tggtcctggc	cttctttt			757

<210> 3309
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3309

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aaactctgtt	tttaaaacca	tcagatctca	tgcaacttat	tcaccatcac	aagaacagca	180
gggcacagac	ccatcccat	gattcaatca	tttctactg	ggtttcttcc	acagcatgta	240
ggaattatgg	gagctacaag	atgagatttg	ggtggagaca	cagagccaaa	acacatcaga	300
tgccatggaa	atacaatgag	gaaaagacag	tctttccaat	aaactgtgct	gggaaacctg	360
gctatccata	tgcaaaagaa	tgaaactgga	tctccatctc	cctccttata	taaatataaa	420
atcaaaatgg	attaaagatt	taaatctaag	accttatact	ataaaaactaa	aaaagaaaac	480
agtgggaaac	tctctgggac	attagtctgg	gcaaaaattt	cttgagtaat	acccctcaag	540
cacagacaac	aaaagcaaaa	atggacaaat	gtgaacacat	caagttaaaa	actatctgca	600
catcaaagga	aacaatcaac	aacgtgaaca	gacagcccac	agaatgagag	aagtatttgc	660
aagatactca	tctgacaagg	gattaataga	atatataagg	agctcaaata		710

<210> 3310
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3310

ctaagtctgg	anctaattngc	tgggctctcg	ttctttncgc	agganccctc	gattcgaatt	60
cggcacgagg	tcacatctta	gatggatggg	ggcagacaaa	aagagagagc	ttatttaggg	120

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aaactctgtt tttaaaacca tcagatctca tgcaacttat tcaccatcac aagaacagca 180
gggcacagac ccatcccat gattcaatca tttcctactg ggtttcttcc acagcatgta 240
ggaattatgg gagctacaag atgagatttg ggtggagaca cagagccaaa acacatcaga 300
tgccatggaa atacaatgag gaaaagacag tctttccaat aaactgtgct gggaaacctg 360
gctatccata tgcaaaagaa tgaaactgga tctccatctc cctccttata taaatataaa 420
atcaaaatgg attaaagatt taaatctaag accttatact ataaaactaa aaaagaaaac 480
agtgggaaac tctctgggac attagtctgg gcaaaaattt cttgagtaat acccctcaag 540
cacagacaac aaaagcaaaa atggacaaat gtgaacacat caagttaaaa actatctgca 600
catcaaagga aacaatcaac aacgtgaaca gacagccac agaagtagag aagtatttgc 660
aagatactca tctgacaagg gattaataga atatataagg agctcaaata 710

```

<210> 3311

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 3311

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ctaagtctgg gctggcgntc tttccgcaag annctcgcgat tcgcccaggc tgacagggggc 60
tctgccgtct ttaacatgtg actttctagg tcagtcacatc ggtcattgct tttccacaca 120
gcagataaga caaaggagtg gaaatagagg ggtagagatt ttctcttaaa cgtgtgaggc 180
tggagtggta tgcttcattg gcaagaacct ggtcctagcc tgcctagctg aaaggagggg 240
agtcagggag atgcactttg cagccaaaat tctgttgcca agaaggggaa agtagatttg 300
gttggatttt gatctgtgtt tgctgctgtg ttactctata attcagccat gtactctgga 360
ggtttagcta tgttgtagcc aattgatcta tctcattcct ttttactact gtacattata 420
ccacaataag agcatgctac gctttgttta gctgctagct gtttccttcc taatggatag 480
ttagctgatt tctgttggtt ttctctgaga accaatgttg caacgccccat cgaggaactc 540
tgccccccag atatatgtac atgtgtgatg tttctctttt atgggaactg ggtcatcaag 600
catgtgtcct tagtctggat agctattgtt aaactgccta caaactgagc agatctatta 660
atatcagtta cacttggggc tttgggggtt gagan 695

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<210> 3312

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 3312

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ctaagtctgg gctggcgntc tttccgcaag annctcgcgat tcgcccaggc tgacagggggc 60
tctgccgtct ttaacatgtg actttctagg tcagtcacatc ggtcattgct tttccacaca 120
gcagataaga caaaggagtg gaaatagagg ggtagagatt ttctcttaaa cgtgtgaggc 180
tggagtggta tgcttcattg gcaagaacct ggtcctagcc tgcctagctg aaaggagggg 240
agtcagggag atgcactttg cagccaaaat tctgttgcca agaaggggaa agtagatttg 300
gttggatttt gatctgtgtt tgctgctgtg ttactctata attcagccat gtactctgga 360
ggtttagcta tgttgtagcc aattgatcta tctcattcct ttttactact gtacattata 420
ccacaataag agcatgctac gctttgttta gctgctagct gtttccttcc taatggatag 480
ttagctgatt tctgttggtt ttctctgaga accaatgttg caacgccccat cgaggaactc 540
tgccccccag atatatgtac atgtgtgatg tttctctttt atgggaactg ggtcatcaag 600

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catgtgtctt tagtctggat agctattggt aaactgccta caaactgagc agatctatta 660
 atatcagtta cacttgggcc tttgggggtt gagan 695

<210> 3313
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 3313
 nctaagtctg gctgttggtc tttttgcagg atcccatoga ttcgaattcg gcacgaggtc 60
 cagaaatact ctgatactag ctatggtcag caacatttaa tgaaaaccct tatgttaaaa 120
 ataaaccct gcctcctggc ttcaagcgat tctcctgcct cagcctcctg agtagctggg 180
 agtataggca cgtaccacca caccagcta attttttgta tttttactag agatgggttt 240
 cacagtgtta gccaggatgg tttcgatctc ctgacctcat gatccgccc cctcggcctc 300
 ccaaagtgt gagattacag gcgtgagcca ctgtgcccg cctcaaaatc ttaagaaaag 360
 gttcttttgg tgcattggagt tttacatgga ataagttagt gcctctgcaa tttaaatatt 420
 ttttacacag atttgatgct gtgcaaatgc cctctccctc tttaggtgtt gcttgttcag 480
 tatctcaagc ccagaaagat gaattaatcc ttgaaggaaa tgacattgag cttgtttcaa 540
 attcagcggc tttgattcag caagccacaa cagttaaaaa caaggatatc aggaaatttt 600
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 gagttacctg gctacagaaa gaagatgcca gatgacactt n 701

<210> 3314
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 3314
 nnnnctaagt ctggctactc gttctttncg caggatccca tcgattcggg ctaaaaccca 60
 ggttcagcaa cttcttgtct caatcacctc tcagtcagag tgtgatgctt tccccacat 120
 atcttcagat gagtcttata ctttacttgt gaaagaacca gtggctgtcc ttaaggccaa 180
 cagagtttgg ggagcattac gaggtttaga gacctttagc cagttagttt atcaagattc 240
 ttatggaact ttcaccatca atgaatccac cattattgat tctccaagg tttctcacag 300
 aggaattttg attgatacat ccagacatta tctgccagtt aagattattc ttaaaactct 360
 ggatgccatg gcttttaata agtttaatgt tcttcaactg cacatagttg atgaccagtc 420
 tttcccatat cagagcatca cttttcctga gtttaagcaat aaagttagta aattgtattg 480
 tactctgtct acaaaaacat tgggtatagt ttcattacaa gttttagct taaatgtttg 540
 ttcttatgga tagaatcaaa gtgtaaaaat cagatgttta tggtttttaa tttttttggc 600
 tgtgacttag cattttacat ccataaaaact ttttttgta ttgntataac gggttactgta 660
 attgttactg tgaatatcaa caatcttggg gaagtgtaaa tccg 704

<210> 3315
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 3315
 gnnctaattgc tggctcttgt tcttttgcag gatccctcga ttcgtttttt aagagataag 60
 gtcttgctat gttatctagg ctggcctaaa cttctgggct gaagtgatcc tcctgtgtag 120
 ctgggactac aagcatgtgc caccaatgcc tggcttctca cactgttttg taacatagat 180
 atgtgaagat gtgtattata gaattgtttg taatactgta gtgttgtagg caatgtgact 240
 gtctataggg aagtggacag gttattttgtg gtaaatactc atggaaaacg gtcaagcagt 300
 taaaagcaat caattatggt caccagcaa tgcagataaa tcttaaaaagc atatgatgct 360
 atgataccaa agcacaagca ccgcccctgt aaatagagga attagatttc ttcagcatta 420
 aaactttgtg catcaaagga tagtatcaag aaagtaaaaa gacaaatgga gaatgggaga 480
 aaaatacttg caaaccatgt atctgataaa ggtctagtat tcagaaaaca attcaacaat 540
 aaaaaagaca aataactgag ttataaatgg caaaggattt aaatagacat ttctctatgt 600
 aaagaagatt tacaatatgt caataagcac atgaaaaaga tgttcaacat cattactcat 660
 cagcaaaatg ccaatcaaaa ccacaatgaa ataccatttc at 702

<210> 3316
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 3316
 gnnnnntttnn nnnnnntttnt aaananacag gctacttggt ctttttgcag gatcccatcg 60
 attcgaattc ggcacgaggc cacacgggccc gcatcatccc tgcaatctgg ttccgctacg 120
 acctcagccc catcacggtc aagtacacag agagacggca gcccgcttgt acagattcat 180
 caccacgatc tgtgccatca ttgggcggga ccttcaccgt cgccggcatc ctggactcat 240
 gcatcttcac agcctctgag gcctggaaga agatccagct gggcaagatg cattgacgcc 300
 acaccagccc taatggccga ggaccctggg catcgccagc cttgcctcca gtgccctgtc 360
 tcctttggcc ctcaatctgg tcccaaactc ggctgtgtcc caaaggggtg gtgggaagtg 420
 gggggaaaagt agaggatggc tcgatgtttt gcagctacct cttttccccg tgtttctttt 480
 tagacaaatt aactgcctg aagttgcagt tcccccttcc tggggagccc caagaacaga 540
 gtcaggcaag ggggtgggag tncagggatc ttggggaccc ctntctaggag agctgcagtc 600
 tcttncctta ggggaacatn ccanaatgca tatngatcag ctntnagcca ggcttngac 660
 aattttccag cccccaacta ggtgggacac attaatgaat ttgggttttt cccttgggca 720
 agccaacctg ncccaaangc accaaaactg gggcttttan n 761

<210> 3317
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 3317
 tacagctact tgttcttttt gcagatccca tcgattcggt ctcagatacc tgatggatcc 60

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cttgtgctat	gaggtggagc	gcctggacaa	tggcacctgg	gtcctgatgg	accagcacat	180
gggcttttcta	tgcaacgagg	ctaagaatct	tctctgtggc	ttttacggcc	gccatgcgga	240
gctgcgcttc	ttggacctgg	ttccttcttt	gcagttggac	ccggcccaga	tctacagggg	300
cacttggttc	atnttctgga	gcccctgctt	ctcctggggc	tgtgcccggg	aaagtgcgtg	360
cnttccttca	ggagaacaca	cacgtgagac	tgcgcacatt	cgctgcccgc	atctatgatt	420
atgacccctt	atataangag	gcgctgcaaa	tgctgnngga	tgtgtaccga	caagtttcca	480
tcatgacctt	cgatgagttt	gagtactgct	gggacacctt	tgtgtaccga	cagggatgtc	540
cttncaacct	gggatggact	aaaggagcac	agccaanccc	tgagtgggag	gctgcngggc	600
attctccaga	atcanggaaa	ctgaaggatg	gcctcantct	ctanggaggc	ngagacctgg	660
gttgcanca	naataaaaga	tttttttcaa	gaaatgcaaa	cagaccgtca	ccaccn	716

<210> 3318

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (726)

<223> n = A,T,C or G

<400> 3318

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gctggagggtg	agcagcaggc	gagtgaaggg	aaacttcac	tgtatttcta	gcccctccca	180
tcgcttgcat	gaccacctga	gctccatgtc	ctgtcagatc	agcagcagca	ttagattctc	240
acaggagcac	aaactctggt	gtgaagtgtg	catgcgaggg	atctagggtg	tgtactcctt	300
atgagaatct	aatgcctgat	attctgtttac	tgtctcccat	caccccagat	ggacagtcta	360
gttgaggaa	aacaagctca	gagatccccc	tgagtctacg	ttatagttag	ttgtagaatc	420
atttcattat	atattactat	gtagtaataa	tagaaataaa	gtgcacaata	tatgtaatgc	480
acttgaatca	tcttgaaatt	attccctcat	tcccagctctg	tggaaaaaatt	gtcttccaca	540
cattcactct	gttttttggg	agaggcaggg	tcttaataata	ttgcccagtc	tgatctcaaa	600
ctcctggcct	caagtaatat	acctctctta	gcctnccaaa	agtgtctgaga	ttacaggcat	660
aagccccccc	ctcaaccaag	actttnttna	accaaataaa	aattaagtga	gattactttg	720
gcccag						726

<210> 3319

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (841)

<223> n = A,T,C or G

<400> 3319

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gctcggggcc	atggagacac	tgcggccagt	acggcgggcg	ctctgtctga	agaaggggaa	120
gtgacctccg	gcctcggg	tctggccgtg	gaggataccg	gagccctct	gcctcggccg	180
gtaaggccga	ggacgagggg	gaaggaggcc	gagaggagac	cgagcgtgag	gggtccgggg	240
gcgaggaggc	gcagggagaa	gtccccagcg	ctgggggaga	agagcctgcc	gaggaggact	300
ccgaggactg	gtgcgtgccc	tgcagcgacg	aggagggtga	gctgcctgcg	gatgggcagc	360
cctggatgcc	cccgccctcc	gaaatccagc	ggctctatga	actgctggct	tgccacgggt	420
actctggagc	tgcaagcccc	agatccttgc	cccgccccgc	cttccacgcc	ggaggcccan	480

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aaccgaaaag gaaaagatcc cgatgaagga gcccggaggc ccaaaanaan aaggaaagag      540
ggaaaaaacc cacacattgc cccacnggaa tttggaattt ttgattgaat gagcccaant      600
ggaccaccca aanggacttn cccttgattg gaacccggga gaaccccanc cccaaggga      660
aagcnttnaa ncccccgga agccccagaa aaaccngggn angggccccc ccccttggn      720
acnaaagggt ggcccttttc cgggncctt tgaaaggagg gacccccan nnaaagncnt      780
tgggaggga aaccaaaaaa tcccctttn gtaanccccg gggaangggg nanccctnt      840
t

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<210> 3320

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 3320

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gattcgcaga aattcaaata attcttttct gcttcaatgc cagcagaagg tccccaggt      120
agacatggag aagcactttg ttttaaataag gagggtttca tagttgcac tgaagccacc      180
tggttctgtt aaactgtatc gtgcagggtt tgggtttggc attattcatg tttctgatca      240
attctatgca actctcatag ttctgttac tttttagcat tagctgcaa atgacttcaa      300
aaggctgggg tgggtgactt gactgtgaga ctggattata acatggacaa atcttatttt      360
gcttaatgtg tttgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtatgta      420
tatatatata tataaatatc tttcccaata tgcccgttg acagtgttta aattccanac      480
taggactgct gatctgcaca atttaattat gtggnatttc gagcacttaa tttcactcaa      540
ggntcattgg gctctgctct tctccctgcc attacnggag ctgtggacag agctnccctc      600
ttcaanantc tagtggtttt gcncaacagg ntgnccaatg anaaaaactga nttgctgnc      660
tgtaaatgtt gncaggng cacaatctnnn agggntcnat nctccggcct gtccctccaa      720
agggctgggc cttgggccc n

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<210> 3321

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 3321

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ggnnnntttt nnnntactg anancctttn gctacttgtt ctttttgca gatcccatcg      60
attcgaattc ggcacgagag ggcatatccc tgagctgaga gcatnaccct gtccccgaat      120
ccttctttcc tctctgtttt gtttttcatt cccctccctc tctccctcc cctccagtc      180
cacgacgact gggctgttga cctgttcag gcctcgggtga aggccttttg ttactccct      240
tcccaccca tcccttaatt ttattctttt gaagagtgc tttcaagctg ccaagggtgga      300
gagagggatt acagaaagga gaacacctta tttcagaaaa ggtgtaccat acctgagagc      360
accaggaagt cgcattgag atcacctgat acatgaacgt atgatgttcc atctgcgcac      420
tgatgaatag gcagcattta caaattaact gatgtgttgc tgnatatcat ctctttgatg      480
attgctcttc ttctttgtat cctgncttat aatttcaaca catttgcat actcaatgtc      540
tattctaaat taaccatgtt ttgtaccaca aactcattgc ccatggatct gttgctgaaa      600
caaggaagtc ttaacaaga agtggaaatc ttctgttacc agattgggtc tgaatcaaata      660
gatcagaagg gtgggaatat tacaaantga agaataacag ntgcaacctt cagtttctna      720

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aaaataanaa gngagctttt cagggcaaat t

751

<210> 3322

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3322

nctaagtctg	ggcncttggt	cttttngcag	gatcccatcg	attcgaattc	ggcacgaggt	60
ctagtataat	cttcatgctc	aaaccagata	aggacaatac	aagaaaggaa	gagtataggc	120
taattctacc	caataactaa	atgaagtatt	agcaaaccag	attcatcaat	aatcttttaa	180
aaatcaagaa	ttaattggat	ttaggaatat	aacactgtgt	ataacaagtt	taagagaaat	240
atatgagaat	gataagactg	caattgaaag	tagaggcttt	ctctggaggg	aaaggtaggg	300
aggatgtgat	ttggaagaac	agcatgggga	ggcatcagtt	gtattgtaat	gtttatTTTT	360
taagctgaat	gataggtacg	tagatgttca	ttgtgttctt	tttgcttttt	tgtatatctt	420
aaatatatgg	tagtgccatg	attagcaggc	ttaatagcct	tgtgagttta	aatgtcactt	480
tcaaatgctg	tatttttggg	ggagttgctt	aaacacattc	cccttggaat	ctatacaacc	540
agttaaaaaa	atcatgtata	aaccaccatg	aaatataatg	aaatgtactg	tatatgcatt	600
ttcatgaatg	ttgtgtcaaa	gggcttgtag	gaaaaaaga	tcgttaactc	ttttgcattc	660
agtgaaaata	ggtggccttg	gaaatagttt	cagccttgct	aacac		705

<210> 3323

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3323

gnnnnntttnn	nnnnntttnt	aaananacag	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggc	cacacggggc	gcatcatccc	tgcaatctgg	ttccgctacg	120
acctcagccc	catcacggtc	aagtacacag	agagacggca	gcccgttgt	acagattcat	180
caccacgatc	tgtgccatca	ttgggcggga	ccttcaccgt	cgccggcatc	ctggactcat	240
gcatcttcac	agcctctgag	gcctggaaga	agatccagct	gggcaagatg	cattgacgcc	300
acacccagcc	taatggccga	ggaccctggg	catcgccagc	cttgcctcca	gtgccctgtc	360
tcctttggcc	ctcaatctgg	tcccaaattc	ggctgtgtcc	caaagggtgt	gtgggaagtg	420
gggggaaagt	agaggatggc	tcgatgtttt	gcagctacct	cttttccccg	tgtttctttt	480
tagacaaatt	acactgcctg	aagttgcagt	ccccctttcc	tggggagccc	caagaacaga	540
gtcaggcaag	gggtggggag	tncagggatc	ttggggaccc	ctnctaggag	agctgcagtc	600
tcttncccta	ggggaacatn	ccanaatgca	tatngatcag	ctntnagcca	ggctttngac	660
aattttccag	cccccaacta	ggtgggacac	attaatgaat	ttgggttttt	cccttgggca	720
agccaacctg	ncccaaangc	accaaaactg	gggcttttan	n		761

<210> 3324

<211> 712

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3324

gtncataatng	ngngctcncg	gcnngtccgc	aacagcccng	cggntcgaat	tcggcacgag	60
gcctttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	120
tatggataga	agcatggtct	ggggttcctt	tgctgaccag	gggtgtgtgt	ttgtccaagt	180
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	240
agacatggac	cttcacaaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	300
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	360
aatgactttt	tagatccagc	accaaaggca	ggatccagga	aagaaataat	tgataagctg	420
gacttcatta	aaacgaaaac	ttctgctctg	tgaaagatgc	tgccaaaaaa	tgaaaagaca	480
agccacagac	tgggagaaaa	tatttttggat	ggaaatatct	gagaagagag	gcttgttatc	540
caaaatatac	aaagaatttc	taaaactcaa	taatttgaaa	ataaacaacc	caatttataa	600
agtggggcaa	agatcttaaa	tgacgcctca	ccaaagaaga	tacacagatg	gcaataaagc	660
atatgaaaag	atgctcccgg	ctgggcacgg	tggctcacgc	ccgtaatccc	gc	712

<210> 3325
 <211> 1249
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1249)
 <223> n = A,T,C or G

<400> 3325

angctacttt	gttctttttg	caggnnnttt	ttnnnnnatac	agctcttgtt	ctttttgcag	60
gatcccacg	attcgaattc	ggcacgagaa	aacacacaca	cacacaacac	aatgtttttca	120
cgcctgtaaa	cctagcacat	tgggaagcca	aggtggggag	ggattgcttt	gaggccaggg	180
aagttcaagg	gctgcaagt	gagcttatga	attggcncac	ctggtacctc	ttagccctgg	240
gggaggaaca	agaagtggag	gaacacctgg	tcttcttnaa	aaaaaaaaaa	aaaaaaaagg	300
tttttttttg	gaaacccctt	ttaaaaaaat	taaccttttt	tgggtttttg	ggaaaatttt	360
tccttttaaaa	ttccaattcc	aantttttcca	aaaaaaaagg	naaggcccaa	ggtttaaaaa	420
aaaaaaaaat	nggggggttt	aaaccttttn	gggttttncc	ttttnngggt	aacccaaaag	480
ggccctttan	ccttttaaaaa	tttttaaggg	aaacctttta	tttaagggtt	aaggggggaa	540
attaantttt	tttttnaaaa	aaaggnaagg	cccttgggna	aaantttcca	cccttttttt	600
ttnggggggt	aanttttttt	tnngggggtt	anttaaaaaa	aattaatttt	tttttnccaa	660
tttttttggg	tttttaaatng	gttccccccc	caaggntaaa	ttaaattttc	cctttttaaac	720
cttgggggna	aaaaaaaaat	ttccnttttg	ggtttttttt	gggaaattcc	ttgggcccc	780
ttggnaaaag	aaaaaaaaaa	ttaanttcct	tgggggtttt	ttnccttaan	ttanttaaaa	840
aaaaaaaaaa	aatttttttt	tttttaaaaa	aaaattaaaa	atttnggtta	aaaaagggtt	900
ttaagggaat	tttttaaaaa	aaaatttttg	ttaaaaaaa	attatttaaa	aaaaattcca	960
accaaaaagg	gggaaaattg	gttanccctt	tttaatggga	aaatgggttt	gggtttggga	1020
cccanttttt	ttaattggaa	aaaattttaat	tggtngggga	tttccaatta	tttacctggg	1080
tttanccaaa	ggaataagga	aaatttgga	atgggccaaa	aaaggaccca	aaaaccctca	1140
attaaaaatt	tgagggaaaa	cgtgggttatt	atgtaattga	aataaaaaa	ttttataatt	1200
gtaaaaaaa	aaaaaaaaaa	actcgagcct	ttaaactata	ggggtcgtt		1249

<210> 3326
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3326

ttaaanannt	ngctcttggt	ctttttgcag	gacctttcna	aanacagctc	ttgttntttt	60
gcggatccct	cgattcggtt	ctatacaatt	tttccttctg	atccagagac	acggaaaaac	120
aaagggcaag	atggaaataa	gggatgagaa	ggtctatgtg	gaaaaacagt	tacaactggg	180
agtgggtaac	tgcaaaacca	agcagcttca	tgtgatcggt	aggacagaag	aaatttctcc	240
tttgtagcct	agagcaatat	tctcaaaatt	taatgcgcac	gttaatcatt	tggggatcct	300
ttattcattt	tttcatgtgg	ggatctttta	aaaatgcaa	ttctgatttg	gtaagtctgg	360
agtaggtcct	gagcttctgc	atgcttcaaa	agctgattat	gttttgagaa	catggatcta	420
gatgctggta	ttgaggtggg	agacaagtac	tgccacctga	aacaacagtc	ttggtaaatt	480
tagcccgacg	agggtaaaca	catcctaaca	gggaaggtaa	actgtcgtcc	atcagtacca	540
ctagagggca	tactgggttt	atagttcaat	acagtgaata	tatcagaata	atggccttta	600
gttttcctga	aagattaaat	taggcttgct	aacttgttta	atgagataat	caaacatatg	660
atgtaatttt	aaagggttta	cattttttaa	aattaatagg	gtatcagtta	ctaattttac	720
ttaaatggna	ctctgtaagc	ttaataggta	tgcttaaata			760

<210> 3327
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 3327

ttaaanannt	ngctcttggt	ctttttgcag	gacctttcna	aanacagctc	ttgttntttt	60
gcggatccct	cgattcggtt	ctatacaatt	tttccttctg	atccagagac	acggaaaaac	120
aaagggcaag	atggaaataa	gggatgagaa	ggtctatgtg	gaaaaacagt	tacaactggg	180
agtgggtaac	tgcaaaacca	agcagcttca	tgtgatcggt	aggacagaag	aaatttctcc	240
tttgtagcct	agagcaatat	tctcaaaatt	taatgcgcac	gttaatcatt	tggggatcct	300
ttattcattt	tttcatgtgg	ggatctttta	aaaatgcaa	ttctgatttg	gtaagtctgg	360
agtaggtcct	gagcttctgc	atgcttcaaa	agctgattat	gttttgagaa	catggatcta	420
gatgctggta	ttgaggtggg	agacaagtac	tgccacctga	aacaacagtc	ttggtaaatt	480
tagcccgacg	agggtaaaca	catcctaaca	gggaaggtaa	actgtcgtcc	atcagtacca	540
ctagagggca	tactgggttt	atagttcaat	acagtgaata	tatcagaata	atggccttta	600
gttttcctga	aagattaaat	taggcttgct	aacttgttta	atgagataat	caaacatatg	660
atgtaatttt	aaagggttta	cattttttaa	aattaatagg	gtatcagtta	ctaattttac	720
ttaaatggna	ctctgtaagc	ttaataggta	tgcttaaata			760

<210> 3328
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3328

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ccatcgattc gtttctatac aatttttcct tctgatccag agacacggaa aaacaaaggg      120
caagatggaa ataagggatg agaaggtcta tgtggaaaaa cagttacaac tggagtgggt      180
aactgcaaaa accaagcagc ttcatgtgat cgtaggaca gaagaaattt ctcttttgta      240
gcctagagca atattctcaa aatttaaatgc gcatgttaat catttgggga tcttttattc      300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg      360
tcctgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct      420
ggtattgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtg aatttagccc      480
gacgagggtg aacacatcct aacagggaag gtaaaactga cgtccatcag taccactaga      540
gggcatcact ggtttatagt tcaatacagt gaatatatca gaataatggc ctttagtttt      600
cctgaaagat taaattaggc ttgctaactt gtttaatgag ataatcaaac atatgatgta      660
attttaaagg gtttacattt ttaaaaattt aatagggtat cagttactaa ttttacttan      720
atggactctg taagcttata ggttgcttaa an                                     752

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<210> 3329

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3329

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agctcttggt ctttttgcag gatcctttca anatacagct cttgttcttt ttgcagggtc      60
ccatcgattc gtttctatac aatttttcct tctgatccag agacacggaa aaacaaaggg      120
caagatggaa ataagggatg agaaggtcta tgtggaaaaa cagttacaac tggagtgggt      180
aactgcaaaa accaagcagc ttcatgtgat cgtaggaca gaagaaattt ctcttttgta      240
gcctagagca atattctcaa aatttaaatgc gcatgttaat catttgggga tcttttattc      300
attttttcat gtggggatct tttaaaaatg caaattctga tttggtaagt ctggagtagg      360
tcctgagctt ctgcatgctt caaaagctga ttatgttttg agaacatgga tctagatgct      420
ggtattgagg tgggagacaa gtactgccac ctgaaacaac agtcttggtg aatttagccc      480
gacgagggtg aacacatcct aacagggaag gtaaaactga cgtccatcag taccactaga      540
gggcatcact ggtttatagt tcaatacagt gaatatatca gaataatggc ctttagtttt      600
cctgaaagat taaattaggc ttgctaactt gtttaatgag ataatcaaac atatgatgta      660
attttaaagg gtttacattt ttaaaaattt aatagggtat cagttactaa ttttacttan      720
atggactctg taagcttata ggttgcttaa an                                     752

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<210> 3330

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 3330

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ttggnnnnnn nnnnnntttt annntncagc tnnngnnnagc tcttggtctt ttgcaggat      60
cccatcgatt cgaattcggc acgaggttgg cgggagatgt ctttttattt ttgtgctgta      120
aaattctctt acagcaaaaa taggcttttag aaaggtcttc tactgtcttc agcaaccatc      180
tcattctcca gcttcacctg attgtccagt tatcatacat ttgactttca aatgtatgaa      240
ccagcatgta ccccatggat ttaatcttat ctaccccggtg gattcaatct tcttatcaga      300
agggtctttt atgtcaaaaa acctgctgtc aaggcttgaa gagccggcac actcaatggc      360

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aaacacagca	cccgagtctg	ctctgaatcc	tggaggatct	ggccctcctc	tcaacccccca	420
ctcacagtca	ccgtcttaca	actcagggcc	acctgggatc	agtcatcagt	caggggtgcgt	480
aagccttgaa	taccaggtag	cctcaggagt	gaaaagataa	atgtcctaga	tcattacctt	540
attcagtgtc	cccaccttgc	agcgcattcc	aaccacctgg	gagcatttaa	aactccagat	600
gccccaccca	caccctgggg	cccccatcag	accttnttga	agcaagacct	gggcctncat	660
ggncccnaaa	actcctaggg	gatccgatgt	gcagccnaat	cttgaaangg	cccattttaa	720
aaanaaaagaa	catgggtggt	acattgggga	gtnttta			757

<210> 3331

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3331

gnnnntttnn	nnnnntttnt	nnanatacag	gctacttggt	ctttttgcag	gatcccatcg	60
attcgtctcc	ttgcctttct	cctgaaaggt	atgagactac	ttgccttact	gtcatattat	120
tgaggggaat	cagccgcaaa	gcctgnggaa	aatgaacagt	agctgtgggg	tcaaagccat	180
gtctccaggt	tacagggtc	actcccccca	ggacaagcct	agttaggtag	tgggctgcat	240
ctgggtatcc	ctgggacaga	aatgcagggt	agaaggggta	tcaagaatgc	ctcgagcctc	300
tagaactata	gtgagtcgta	ttacgtagat	ccagacatga	taagatacat	tgatgagttt	360
ggacaaacca	caactagaat	gcagtgaaaa	aaatgcttta	tttgtgaaat	ttgtgatgct	420
attgctttat	ttgtaaccat	tataagctgc	aataaacaag	ttaacaacaa	caattgcatt	480
cattttatgt	ttcaggttca	gggggagggt	tgggagggtt	tttaattcgc	ggcgcggcg	540
ccaatgcatt	ggggccggta	cccagctttt	gttcccttta	gtgagggtta	attgcgcct	600
tggcgtaatc	atgggtcatag	ctgtttcctg	tgtgaaattg	ttatccgctc	acaattccac	660
acaacatacc	agccggggagc	ataaagtgtg	aagcctgggg	tgccaatga	gtgagctact	720
cacattaatt	gcgttgccctc	actgcccttt	ccaan			755

<210> 3332

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3332

caatgctggt	tctngttctt	tttgaggat	cccatcgatt	cgaattcggc	acgaggggatg	60
acccatgcca	aaaatactat	gagctcttac	tagtcaaccc	tatttggttg	gtcccaccaa	120
caaaggcact	tgcagttaca	ttcaccacat	ttgtaacgga	gccattgaag	catattggaa	180
aaggaactgg	ggaattttatt	aaagcactca	tgaaggaaat	tccagcgctg	cttcattcttc	240
cagtgtgat	aattatggca	ttagccatcc	tgagtttctg	ctatggtgct	ggaaaatcag	300
ttcatgtgct	gagacatata	ggcggtcctg	agagcgaacc	tccccaggca	cttcggccac	360
gggatagaag	acggcaggag	gaaatcgatt	atagacctga	tgggtggagca	ggtgatgccg	420
atttccatta	taggggccaa	atgggcccc	ctgagcaagg	cccttatgcc	aaaacgtatg	480
agggtagaag	agagattttg	agagagagag	atgttgactt	gagatttcag	actggcaaca	540
agagccctga	agtgtccgg	gcatttgatg	taccagacgc	agaggcacac	cgaagaaag	600
cagtactgaa	agcagccagt	cggccaagcc	tgtctctggc	caagacacat	caggggaatac	660
agaaggttca	cccgcagcgg	aaaaggccca	gctcaagtct	gaagc		705

<210> 3333
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 3333

tgctgggcta	aatgctggnn	atcgntcttt	ccgcantaga	acnnncgatt	cgaattcggc	60
acgaggctac	ctgggcggcg	acgggctgga	cgtggacgtg	cccacgcgtc	tggagggctg	120
gttcttctgc	acgcccggcc	gcaagctgct	ctggctgggtg	ctgcagccct	tcttctactc	180
actacggccg	ctctgcgtcc	acccaaggc	cgtgaccgcg	atggaggtgc	tcaacacgct	240
ggtgcagctg	gcggccgacc	tggccatctt	tgcccttttg	gggctcaagc	ccgtgggtcta	300
cctgctggcc	agctccttcc	tgggcctggg	cctgcacccc	atctcggggc	acttcgtggc	360
cgagcactac	atgttcctca	agggccacga	gacctactcc	tactatgggc	ctctcaactg	420
gatcaccttc	aatgtgggct	accacgtgga	gcaccacgac	ttccccagca	tcccgggcta	480
caacctgccg	ctgggtgcgga	agatcgcgcc	cgagtactac	gaccacctgc	cgcagcacca	540
ctcctgggtg	aaggtgctct	gggattttgt	gtttgaggac	tccttggggc	cctatgccag	600
ggtgaagcgg	gtgtacaggc	tggcaaaaga	tggtctgtga	gcccaggctg	cctcctgggtg	660
gtggccattg	tcccccatcg	gcccctcacc	ttgcacccca	ncn		703

<210> 3334
 <211> 696
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(696)
 <223> n = A,T,C or G

<400> 3334

tgctgggctc	tngttctttt	ngcaggancc	catcgattcg	aattcggcac	gagaaggacc	60
tgcagcttca	gcatcacttg	agaagttggt	aggaatgcat	actagtgggc	cccgccccc	120
gacatagtga	atcagaaacc	aacagggagg	cgcctagcat	tgttttttta	acaagtgctg	180
ggttattctg	atgcacagtc	tagtttaaga	accactactt	tgggtaaaacg	ttttgactgt	240
ttaaagttta	tggcgggtgaa	gtgggcatct	tcaaagacta	gtacttacac	agtttagaag	300
atttcaaggt	actgctgaca	gtagtattat	atgtcagtat	acatacgtgt	agagatcata	360
atttagttcc	cttcttaatg	ttacaatttc	ttagtttact	tttcctaaag	ggccatagca	420
taattcttga	ttcctgggtg	aaatcttttc	tgagggtgtg	gggtgggcaa	ggtgtggatt	480
gctgtttacg	atagtgcctt	cattagtttt	agttctgtct	gttttcattc	attattgact	540
caaaggtatt	agaacaggcc	cttatctttt	tcctattaga	tttatttttg	ttttttactt	600
tatgtaagtt	cagaatcctt	ttttaagtga	tgactactga	tgaaataatg	ttactagtag	660
ctgaatttta	gacttgatgc	tatgttgatt	aatatn			696

<210> 3335
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)

<223> n = A,T,C or G

<400> 3335

gtncctaann	ngngtgnngg	cangctenta	tctctnaana	gaattgggct	ttgtcgaatt	60
ccgcncggag	acantctgan	cgtgctngag	cagctgatta	tcaagcccg	ggtgcgccag	120
atccatctgt	ncnacggacn	ngcgcggntt	gaccgagcat	gaggctgcct	gaangangac	180
caggggctnt	ttgtncacan	gngtccaggn	cannaccgct	gnntnccttg	tggtgntgng	240
ctatggngnc	cagntnttgc	acattgacan	acttnactgc	actgggtggg	agctcgacac	300
ttngccatt	tgtggtagaa	tcaaggcatc	acccgataag	attgncgtgg	tggaacgctc	360
acagtccgac	canttnngact	gtcaccatgc	canntgacag	catnnatact	ttctngcttn	420
tagatcacta	cggggaagat	actctctatn	gtcaanggga	mntatncttc	cgaaactgcc	480
tectnancnn	ccnctanncn	tntgacngat	accgtcanaa	nnatatctgn	ctgaaggncn	540
natatatent	ngcatatncn	nganncgat	ggnancgntn	tanccctnac	cntnatcccn	600
agtgcganct	tactatcnca	tnntnnaann	agtttgnttt	cncttctggg	anancacacc	660
catggacnac	tgcatecnca	gatgccttna	ttcactgnta	nccttggcct	gcactnnngn	720
gctttccctc	cttanc					736

<210> 3336

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3336

nnncaatgct	ggctgctcgt	tctttccgca	gganccanc	gattcgaatt	cggcacgagg	60
aaatgtgtat	ttcagtgcga	atttcgtggg	cttttttagag	gtatattcca	aaatttcctt	120
gtatttttag	gttatgcaac	taataaaaac	taccttacat	taattaatta	cagttttcta	180
cacatggtaa	tacaggatat	gctactgatt	taggaagttt	ttaagttcat	ggtattctct	240
tgattccaac	aaagtttgat	tttctcttgg	attacatttt	ttatttttca	aattggatga	300
taatttcctg	gaaacatttt	ttatgtttta	gtaaacagta	tttttttggt	gtttcaaact	360
gaagtttact	gagagatcca	tcaaattgaa	caatctgttg	taatttaaaa	ttttggccac	420
ttttttcaga	ttttacatca	ttcttgctga	acttcaactt	gaaattgttt	tttttttctt	480
ttttggatgt	gaaggtgaac	attcctgatt	tttgtctgat	gtgaaaaagc	cttggtatatt	540
tacattttga	aaattcaaag	aagcttaata	taaaagtttg	cattctactc	aggaaaaagc	600
atcttcttgg	atatgtctta	aatgtatttt	tgtcctcata	tacagaaagt	tcttaattga	660
ttttacagtc	tgtaatgctt	gatgttttaa	aataataaca	ttttng		706

<210> 3337

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(703)

<223> n = A,T,C or G

<400> 3337

caatggctgg	tnctngttc	tttttgacag	atcccatcga	ttcgtgtgga	gaaccttctt	60
tttctatggg	aaatcacttc	tggagttggc	aagaatggag	aatggtgtgt	tgggaaacgc	120
cttggaaagg	gtgcatgtgg	aacatcattc	tcaccaccag	tctcttctct	gtgcctttct	180
tcctgacgtg	gagtgtggtg	aactcagtcg	attgggccaa	tggttcgaca	caggctctgc	240

cagccacaac	catcctgctg	cttctgacgg	tttggtgctg	gggtgggcttt	cccctcactg	300
tcattggagg	catctttggg	aagaacaacg	ccagcccctt	tgatgcaccc	tgtcgcacca	360
agaacatcgc	ccgggagatt	ccaccccagc	cctggtacaa	gtctactgtc	atccacatga	420
ctgttgagg	cttcctgcoet	ttcagtgcca	tctctgtgga	gctgtactac	atctttgcca	480
cagtatgggg	tcgggagcag	tacactttgt	acggcatcct	cttctttgtc	ttcgccatcc	540
tgctgagtgt	gggggcttgc	atctccattg	cactcaccta	cttccagttg	tctggggagg	600
attaccgctg	gtggtggcga	tctgtgctga	gtgttggtc	caccggcctc	ttcatcttcc	660
tctactcagt	tttctattat	gcccggcgct	ccaacatgtc	tgg		703

<210> 3338

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3338

ctaattgctgg	cngcttgctt	tttttgcagg	atcccatcga	ttcggaatga	gagctgctat	60
ttgtgtttaa	aaagaccata	cagggccagc	cacagtggct	cacacctgta	atccagcac	120
tttgggagg	cnatgtgtt	ncacnctnt	tnntnagnan	nantntgtca	tgaggctta	180
ntttgtggng	tntgatgnca	tactgntagg	ccaacatgtg	tccnaggnan	agnggnangn	240
tnangccatt	agcntgggtg	aaacttgccg	gatgttgatg	ctctantaag	anccgnatgt	300
gccatttntg	aactntttag	tantgangga	gtcntgggtg	tcaanatgga	tnacanatg	360
cctantttacc	cgnmctgnc	taacnagant	ntgcccaccc	ttcatgtcat	gaaggnnntn	420
nantctttta	ttcccanngt	tnccnnaaac	gaacantttg	cctgnacaca	tttctactg	480
gnaccttact	aatnagggtta	tcccgnatnt	tentgattac	tttctctctg	cnnnngana	540
tngtgcctnt	caccctactc	ctntatccnt	ccattnacct	nttaggccat	ncnccataaac	600
gmnntgcann	tntnancntc	cctnntnang	aattttctaa	atangnntta	attctctnnc	660
ctnacnttnc	tcttcnnttc	cnngnatntn	nnttnnnntt	cnctnttngn	tntcnccnct	720
anttcaancn	netcttaant	ttngcnnttc	ctcnnttcnn	t		761

<210> 3339

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3339

nctaattgctg	ggctatcggt	ctttccgcag	nancccntcg	attcgagtgg	ctgagtggag	60
gcgcccagac	ctgggcaggc	agcaggetca	ggcccacacc	ttgtgatttt	tgaaacaaaa	120
gccagaaga	tgatgtttac	ttctctctcc	ctggtctctg	ccttcttact	gcaaaccatg	180
ctgtgcctta	gggcccttct	catagctgtt	cctcatggcc	atgactggaa	cagggatgca	240
acctctttct	acacaagcac	agttagtgtg	gtgaagtctt	tnntttgttt	gttttagacg	300
gagtttcaact	cttgttgccc	aggctggagt	gaagtggcgt	gaccttgget	cactgcaacc	360
tccaggccag	cctcagcctc	cctagtagct	gggactacag	gcaccacta	ccacgcctgg	420
ctaattcttt	gtatttttag	tagagatggg	gtttgaccgt	gttagccagg	atggctctcga	480
tctcctgacc	tcgtgatcca	cccacctcgg	cctcccaaag	tgctgggatt	ataggtgtga	540
gccaccgcgc	cgggcccgtt	gctggcatct	taatgttctg	taggtggaat	atttccaata	600
aacacaaggt	gccgtaattg	aaaaaaaaana	aaaaaaaaaac	ttcgagcctc	tagaactata	660

gtgagtcgta ttacgtagat ccagacatga taagatacat tgatga

706

<210> 3340

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 3340

ctaagtctgg	tngctngttc	tttccgcagg	atccccatcga	ttcgaattcg	gcacgaggcg	60
acatcagaag	atcattgagg	aggccccagc	gcctgggtatt	aaatctgaag	taagaaaaaa	120
gctgggagaa	gctgcagtca	gagctgctaa	agctgtaaat	tatgttggag	cagggactgt	180
ggagtttatt	atggactcaa	aacataattt	ctgtttcatg	gagatgaata	caaggctgca	240
agtggaacat	cctgttactg	agatgatcac	aggaaactgac	ttggtggagt	ggcagcttag	300
aattgcagca	ggagagaaga	ttcctttgag	ccaggaagaa	ataactctgc	agggccatgc	360
cttcgaagct	agaatatatg	cagaagatcc	tagcaataac	ttcatgcctg	tggcaggccc	420
attagtgcac	ctctctactc	ctcgagcaga	cccttccacc	aggattgaaa	ctggagtacg	480
gcaaggagac	gaagtttccg	tgcattatga	ccccatgatt	gcgaagctgg	tcggtgtgggc	540
agcagatcgc	caggcggcat	tgacaaaact	gaggtacagc	cttcgtcagt	acaatatgtt	600
tggactgccc	accaacattg	acttcttact	caacctgtct	ggccacccag	agtttgaagc	660
tgggaacgtg	cacactgatt	tcatccctca	acaccacaaa	cagttg		706

<210> 3341

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 3341

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ggtacgagag	tctgttgaac	aacaggctga	tagtttcaaa	gcaacacgtt	ttaaccttga	120
aactgaatgg	aagaataact	atcctcgctt	gcgggaactt	gaccggaatg	aactatttga	180
aaaagctaaa	aatgaaatcc	ttgatgaagt	tatcagtctg	agccagggtta	cacccaaaaca	240
ttgggaggaa	atccttcaac	aatctttgtg	ggaaagagta	tcaactcatg	tgattgaaaa	300
catctacctt	ccagctgctg	agaccatgaa	ttcaggaact	tttaacacca	cagtggatat	360
caagcttaaa	cagtggactg	ataaacaact	tcctaataaa	gcagtagagg	ttgcttggga	420
gaccctacaa	gaagaatttt	cccgccttat	gacagaaccg	aaagggaaaag	agcatgatga	480
catatttgat	aaacttaaaag	aggccgttaa	ggaagaaagt	attaaacgac	acaagtggaa	540
tgactttgct	gaggacagct	tgagggttat	tcaacacaat	gctttggaag	accgatccat	600
atctgataaa	cagcaatggg	atgcagctat	ttatttttatg	gaagaggctc	tgcaggctcg	660
tctcaaggat	actgaaaatg	caattgaaaa	catggtgggt	ccagactgc		709

<210> 3342

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(715)
 <223> n = A,T,C or G

<400> 3342

gtcctanagt	gtggtctcgn	cnnnccgnan	gagntnggcg	ggngcgaatt	cggcacgagc	60
agaacttcac	agcagcctgt	cctcatcagc	aacccaacca	ccttcacag	caacccaacc	120
accttcacat	gcaacccaac	cacctcgtca	gcaacccaac	cacctcgtca	gcaacccagc	180
caccttcac	agcaacccaa	ccacctcatc	agcaaccag	ccaccttcac	cagcaaccca	240
accacctcat	cagcaaacca	accactttca	tctgcaacc	aaccactttc	atcagcaact	300
caacaccttc	atctgcaacc	caaccacctt	catcagcaaa	ccaaccacct	tcttcagcaa	360
cccaaccacc	tcatcttgga	gaaggagaag	gaactgcaag	ccaccaagtc	ttcatttttc	420
agggtttgta	atcttcccaa	agttttcctt	tgaaaaatagg	ataatgggtg	gaatttttcag	480
agtgattaca	tacctcaaca	tttttattaa	catacaacaa	tgggaaagtt	catcatccat	540
atactgcagt	cacttaacaa	acagccaatt	attgcaagat	tagaattgga	gatcttgctc	600
tcaaaagtat	aaatngtcct	ttgagttata	gaaaataatg	gaattgggat	ttctacatat	660
cattattata	cctattttta	atttaatggg	cagccaggca	tggttccagc	tacnt	715

<210> 3343
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 3343

ctaagtctgg	ctngctcgtt	ctntccgcag	tanccctcga	gtcgaattcg	gcacgagact	60
gcctccttcc	acacgagtgc	ccctttggcc	aaagaagatt	attatcagat	attaggagtg	120
cctcgaaatg	ccagccagaa	agagatcaag	aaagcctatt	atcagctgct	ctgctcagtt	180
agttttttatt	cccgggggtac	caagcagctg	cacagtcggt	gcctgggagg	cacgtagagg	240
cccctggctc	aggcagaggg	agatggttag	actcttgag	ggctaaaact	ctaatttgga	300
attgaatatt	gtggatatct	tagttaaagg	ccatgcttac	agcttagaaa	tgaagcctta	360
agctgcatca	tcatatcgcc	ctgtgtggtc	tgcaggggag	caggacaagc	caagcagaaa	420
aagcgagtga	tgatccctgt	gcctgcagga	gtcgaggatg	gccagaccgt	gaggatgcct	480
gtgggaaaaa	gggaaatttt	cattacgttc	aggggtgcaga	aaagccctgt	gttccggagg	540
gacggcgag	acatccactc	cgacctcttt	atttctatag	ctcaggctct	tcttggggga	600
acagccagag	cccagggcct	gtacgagacg	atcaacgtga	cgatcccccc	tgggactcag	660
acagaccaga	agattcggat	gggtgggaaa	ggcatcccc	ggattaac		708

<210> 3344
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3344

gtnnctaata	ctgggctctc	gtncctttctc	gcagtanccc	ntcgattcga	attcggcacg	60
aggagacagc	agccccagc	gaatgaagct	gatgccagag	tcagacccga	ggaggaagag	120
gagccactga	tggagatgcg	gctccgggat	gcgcctcagc	acttctatgc	agcactgctg	180

cagctgggcc	tcaagtacct	ctttatcctt	ggatttcaga	ttctggcctg	tgccttggca	240
gcctccatcc	ttcgcaggca	tctcatggtc	tggaaagtgt	ttgcccctaa	gttcataattt	300
gaggctgtgg	gcttcattgt	gagcagcgtg	ggactttctcc	tgggcatagc	tttgggtgatg	360
agagtggatg	gtgctgtgag	ctcctgggtc	aggcagctat	ttctggccca	gcagaggtag	420
cctagtctgt	gattactggc	acttggctac	agagagtgtc	ggagaacagt	gtagcctggc	480
ctgtacaggt	actggatgat	ctgcaagaca	ggctcagcca	tactcttact	atcatgcagc	540
caggggcccgc	tgacatctag	gacttcatta	ttctataatt	caggaccaca	gtggagtatg	600
atccctaact	cctgatttgg	atgcatctga	gggacaaggg	gggcggtctc	cgaagtggaa	660
taaaataggc	cgggcgtggt	gactttgcac	ctataatccc	agcactttgg	gan	713

<210> 3345

<211> 710

<212> DNA

<213> Homo sapiens

<400> 3345

ctaagtctgg	gctgcttgtt	ctttttgcag	gatecccatcg	attcggaaaa	gttaaaaaag	60
acattgagtg	atgtaatcca	ccctgggggc	aatagccata	ttgccaatgg	tgcgccgggg	120
tgtgtggcaa	cattacttca	tgatgcagcc	atgaaccctg	cggaaagtgt	caagcagagg	180
atgcagatgt	acaactcacc	ataccaccgg	gtgacagact	gtgtacgggc	agtgtggcaa	240
aatgaagggg	ccggggcctt	ttaccgcagc	tacaccaccc	agctgaccat	gaacgttcct	300
ttccaagcca	ttcacttcat	gacctatgaa	ttcctgcagg	agcactttaa	ccccagaga	360
cgggtacaacc	caagctccca	cgctctctct	ggagcttgcg	caggagctgt	agctgccgca	420
gccacaaccc	cactggacgt	ttgcaaaaca	ctgctcaaca	cccaggagtc	cttggctttg	480
aactcacaca	ttacaggaca	tatcacaggc	atggctagtgt	ccttcaggac	ggtatatcaa	540
gtaggtgggg	tgaccgccta	ttcccgaggg	gtgcaggcca	gagtaattta	ccagatcccc	600
tccacagcca	tgcgatggtc	tgtgtatgag	ttcttcaaat	acctaatacac	taaaaggcaa	660
gaagagtggg	gggctggcaa	gtgaagtagc	actgaacgaa	gccagggggtt		710

<210> 3346

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 3346

gtntaatng	ngngctcncg	gcnngtccgc	aacagcccng	cggntcgaat	tcggcacgag	60
gccttttgtg	gggtctcata	cataactcag	ttccacaaaa	gctgtgcccc	agctcagccc	120
tatggataga	agcatgggtc	ggggttcctt	tgctgaccag	gggtgtgtgt	ttgtccaagt	180
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	240
agacatggac	cttcacaaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	300
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	360
aatgactttt	tagatccagc	accaaaggca	ggatccagga	aagaaataat	tgataagctg	420
gacttcatta	aaacgaaaaac	ttctgctctg	tgaaagatgc	tgccaaaaaa	tgaaaagaca	480
agccacagac	tgggagaaaa	tatttttgat	ggaaatatct	gagaagagag	gcttgttatc	540
caaaatatac	aaagaatttc	taaaactcaa	taatttgaaa	ataaacaacc	caatttaaaa	600
agtgggccaa	agatcttaaa	tgacgcctca	ccaaagaaga	tacacagatg	gcaaataagc	660
atatgaaaag	atgctcccgg	ctgggcacgg	tggctcacgc	ccgtaatccc	gc	712

<210> 3347

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 3347

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ctagtataat	cttgatgctc	aaaccagata	aggacaatac	aagaaaggaa	gagtataggc	120
taattctacc	caataactaa	atgaagtatt	agcaaaccag	attcatcaat	aatcttttaa	180
aatcaagaa	ttaattggat	ttaggaatat	aacactgtgt	ataacaagtt	taagagaaat	240
atatgagaat	gataagactg	caattgaaag	tagaggcttt	ctctggaggg	aaaggtgagg	300
aggatgtgat	ttggaagaac	agcatgggga	ggcatcagtt	gtattgtaat	gtttattttt	360
taagctgaat	gataggtacg	tagatgttca	ttgtgttctt	tttgcctttt	tgtatatctt	420
aaatatatgg	tagtgccatg	attagcaggc	ttaatagcct	tgtgagttta	aatgtcactt	480
tcaaagtctg	tatttttggg	ggagttgctt	aaacacattc	cccttggaat	ctatacaacc	540
agttaaaaaa	atcatgtata	aaccaccatg	aaatataatg	aatgtactg	tatatgcatt	600
ttcatgaatg	ttgtgtcaaa	gggctttag	gaaaaaaaga	tcgttaactc	ttttgcattc	660
agtgaaaata	ggtggcctttg	gaaatagttt	cagccttgct	aacac		705

<210> 3348

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3348

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ttgtgtttta	aaagaccata	cagggccagc	cacagtggct	cacacctgta	atcccagcac	120
tttgggaggt	cnatgtgttt	ncacnnctnt	tnntnagnan	nantntgtca	tggaggctta	180
ntttgtggng	tntgatgnca	tactgntagg	ccaacatgtg	tccnaggnan	agnngnangn	240
tnangccatt	agcntgggtgn	aaacttgccg	gatgttgatg	ctctantaag	anccgnatgt	300
gccatttntg	aactnttttag	tantgangga	gtcntgggtgn	tcaanatgga	tntacanatg	360
cctanttacc	cgnnctngnc	taacnagant	ntgcccacc	ttcatgtcat	gaaggnnntn	420
nantctttta	ttcccanngt	tncctnaaac	gaacantttg	cctgnacaca	ttttctactg	480
gnaccttacn	aatnagggtta	tcccgnatnt	tcntgattac	ttttcttctg	cnnnngana	540
tngtgcctnt	caccctactc	ctntatccnt	ccattnacct	nttaggccat	ncncctaaac	600
gmnntgcann	tntnancntc	cctnntnang	aattttctaa	atangnntta	attctctnnc	660
ctnaenttnc	tcttcnnttc	cnngnatttn	nnntnnnntt	cnctnttngn	tntcnccnct	720
anttcaancn	netcttaant	ttngcnnttc	ctcnnttcnn	t		761

<210> 3349

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3349

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atcctaagtt	ccactataaa	caggctcatg	actcgggcac	agacacttct	tgcgtgactt	120
tttcctatga	tggtaatgtc	cttgccctctc	gtggagggtga	cgattcatta	aaattatggg	180
acatccgaca	atttaataaa	ccactttttt	cagcctcggg	tcttnccacc	atgttcccaa	240
tgactgactg	ctgtttcagt	ccagatgata	agctcattca	ctggtacatc	tattcaaaga	300
ggatgtggca	gcggcaaaact	tgttttcttt	gagcgtagga	ctttccaaag	ggtgtatgaa	360
atagacatca	cagatgcgag	tgttgntcgc	tgctgtggc	atccaaagct	gaaccanac	420
atggttggaa	ctggaaatgg	attggctaaa	gtctattacg	acccacacaag	agtcagaggg	480
gagcaaaatt	atgtgtggtt	aaaaccacgc	ggaaggcaaa	acaagctgag	actctaactc	540
aggactacat	catcacccct	catgccttgc	ctatgttneg	ngagccccgc	caacggagta	600
caaggnaaca	gctggagaan	gacagactgg	atcccttgaa	gtcgcataaa	cctgaacctn	660
ctgtaccaag	gcccaggctg	tgttgccga	ntttggaacc	cacnggggca	cttttttttt	720
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<210> 3350

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3350

atgcggncaa	tgctggctac	tcgttctttc	cgcaggancc	cntcgattcg	ctcacctgga	60
ataatgagat	cttacctaac	tgggaaacaa	tgtggtgctc	tagaaaagtt	cgagatttat	120
ggtggcaggg	aatccctcca	agtgtgagag	gcaaagtctg	gagcttagcc	attggcaacg	180
agttaaatat	cacccacgag	ctctttgaca	tctgtcttgc	ccgagccaag	gagaggtggc	240
ggtcctcttag	cacaggaggc	tctgaagtgg	agaacgaaga	tgctgggttt	tcagcagcag	300
acagagaagc	cagtctggag	cttattaaac	tggacatttc	tagaacattt	cctaactctc	360
gcattttcca	gcaaggtggt	ccatatcatg	acatgttgca	cagtattttg	ggcgcttata	420
cttgttaccg	gccagatgtg	ggttatgtcc	agggcatgtc	cttcatagca	gcagtgttga	480
tcttgaactt	agatactgca	gatgccttta	ttgccttttc	taaccttctg	aataaacctc	540
gtcaaattggc	gtttttttaga	gtggaccatg	gccttatgtt	gacttatttt	gctgctcctc	600
cagaggtctg	cacactccac	ttcacatgcc	gttgactctc	acagtctaag	acttcagggc	660
cgggaccttt	gtccagcctg	cacagtagag	tgaggctgcc	tctc		704

<210> 3351

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3351

annnnngnnn	nnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagancc	caccgnttcn	gnagatgatg	tggatanact	tggatactcc	cttgagtggg	120
anatannngt	gttcagactg	nncaagtnta	nectcanaga	ctttgaagtc	tgctaccag	180
aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacgggtgt	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360

ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgaccata	nagggggcgt	nggccacttc	acatgatggg	cgggggctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttgggag	aggaaaaaaa	aaccaagttt	660
taaccggtnn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggatttaan	taccnaaana	atngggncct	tatttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaa	naaaanaaga	anng				924

<210> 3352

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3352

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anatanngt	gttcagactg	nncaagtnta	nctccanaga	ctttgaagtc	tgctaccag	180
aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacgggtgg	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360
ngacctattc	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgaccata	nagggggcgt	nggccacttc	acatgatggg	cgggggctat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttgggag	aggaaaaaaa	aaccaagttt	660
taaccggtnn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggatttaan	taccnaaana	atngggncct	tatttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaa	naaaanaaga	anng				924

<210> 3353

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3353

ttacatcanc	tcttgttctt	tttgcaggat	ccctcgattc	gggctagcga	tttctacctg	60
cgctactacg	tagggcacaa	gggcaagttt	gggcacgagt	ttctggagtt	cgaatttcgg	120
ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	gatgatcaga	180
aaagaggctt	atgtgcacaa	gagtgtaatg	gaagaactga	agagaattat	tgatgacagt	240
gaaattacaa	agaagatga	tgctttgtgg	cctcccctga	taggggttggc	cgacaggagc	300
ttgaaattgt	aattggagat	gagcacatat	cttttaccac	atcaaaaaata	ggttctctta	360

ttgatgtaaa	tcagtcaaag	gacccctgaag	gccttcgagt	atctttactat	ttggtacaag	420
acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	ccaattttaa	480
ttgtatgttt	tcaggctgtt	tgtatatatta	attaagggat	ggganggggt	atttgtcatt	540
tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	aaatttgtat	gtaaactgga	600
aataagaaaa	tacattagca	agccttaatg	ggtatcctta	ctttgagtcc	acatgggggt	660
ggacagtccc	cacaccccat	taaattcttg	taaatgaaag	ccccctttt	gttaaaaaat	720
ttgctcta	aaaaacatac	caaatcctgg	nnnanaaann	nnnnnnnnnn	nnnnnnnnnn	780
nnnct						785

<210> 3354

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3354

ttacatcanc	tcttgttctt	tttgcaggat	ccctcgattc	gggctagcga	tttctacctg	60
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ccggacggaa	agcttagata	tgccaacaac	agcaattaca	aaaatgatgt	gatgatcaga	180
aaagaggctt	atgtgcacia	gagtgtaatg	gaagaactga	agagaattat	tgatgacagt	240
gaaattacaa	aagaagatga	tgctttgtgg	cctcccctga	taggggtggc	cgacaggagc	300
ttgaaattgt	aattggagat	gagcacatat	cttttaccac	atcaaaaata	ggttctctta	360
ttgatgtaaa	tcagtcaaag	gacccctgaag	gccttcgagt	atctttactat	ttggtacaag	420
acttgaaatg	tttagttttc	agtcttattg	gattacactt	caagattaaa	ccaattttaa	480
ttgtatgttt	tcaggctgtt	tgtatatatta	attaagggat	ggganggggt	atttgtcatt	540
tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	aaatttgtat	gtaaactgga	600
aataagaaaa	tacattagca	agccttaatg	ggtatcctta	ctttgagtcc	acatgggggt	660
ggacagtccc	cacaccccat	taaattcttg	taaatgaaag	ccccctttt	gttaaaaaat	720
ttgctcta	aaaaacatac	caaatcctgg	nnnanaaann	nnnnnnnnnn	nnnnnnnnnn	780
nnnct						785

<210> 3355

<211> 686

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (686)

<223> n = A,T,C or G

<400> 3355

tgtgcncgga	aagatnagcc	aaatgctttc	aaagagctng	ggacaggaaa	tagaatngct	60
acngtggtcg	atntatatga	gtgatgtgtc	tgcaggagga	gccctgcttt	tgctgaattg	120
gagctagtgt	ttggcccaaa	aaaggaactg	ctgnnttggn	ataantctgn	ngccannnga	180
nancgagatt	atagtacacg	gcntgcagcc	tgtncagggt	ctagttggca	acaaatgggt	240
atncaataaa	tggctccatg	aacgtggaca	agaatnnnca	agaccttggt	cttntcagaa	300
ttggaatgac	aaacnggctt	ccctttttct	cctatngntg	gtactcttat	gtgtctgata	360
tacacatttc	ctngtcttaa	cnttnagggg	gttacaattg	actaaacact	tcatgattgg	420
nttcacncca	tganccctna	tcccanggtt	tcatttgttg	acaattgctt	acttttgngg	480
ggtcttttaa	aaaggnacnc	gaaatcttca	ttattgccgt	aaaaacctta	aagatctggt	540
ggnantcaca	agaagacaaa	nggccgaaat	tttaaagggg	aggggaatttt	tntatttttna	600

aagaaccttt ttnggttga nnaaaaacat aatttgagcn ttcnnctttt nagaattccc 660
ctaacatctc aggttggtg gggngg 686

<210> 3356

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3356

nnttnnttt	taaagacttn	canctctttt	tctttntgca	ggatcccatc	gattcgaatt	60
cggcacgggg	ggagcaaata	atangccctt	gtgtgtgttt	ttggcagana	agccatgaag	120
acaagcagat	gctaataaaa	gaatctgcat	ctttgnttgt	tattccatgt	taaagggntg	180
aaataaagg	aanagaatat	ttgtactgtt	gttatccaaa	tccatctcct	gttctactct	240
ctattcaaaa	taatcgta	gtgactaaca	gagctttcag	accaacagta	tttttatttt	300
tcattttaag	ttcagggtag	caacatttct	ttccatggat	gttgatggac	gtgtcatcag	360
agctgactct	ttttcaaaaa	tcatttcctc	tgggttgaga	ataggatttt	taactgggtcc	420
aaaaccctta	atagagagag	ttattttaca	catacaagtt	tcaacattgc	accccagcac	480
ttttaaccag	ctcatgat	cacagcttct	acacgaatgg	ggagaanaag	gtttcatggc	540
tcagttagag	agggttattg	atttctatag	taaccagaa	ggatgcaata	ctggcagctg	600
cagacaagt	gntaactgg	ttggcagaat	ggcatgtcct	gctgctggaa	tgtttttatg	660
gattaaagtt	aaaggcttaa	tgatgtaaaa	agaactgatt	gaagaaaagg	ccgttaaaat	720
gggggtatta	aagctcctgg	aaatgtttct	cgtcgatagc	tcacttctan	cccttacttg	780
agagcttctt						790

<210> 3357

<211> 686

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 3357

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acngtggtg	atntatatga	gtgatgtgtc	tgcaggagga	gccctgcttt	tgctgaattg	120
gagctagtgt	ttggcccaaa	aaaggaactg	ctgntttggn	ataanctgtn	ngccannnga	180
nancgagatt	atagtacacg	gcntgcagcc	tgtnccaggt	ctagttggca	acaaatgggt	240
atncaataaa	tggctccatg	aacgtggaca	agaatnnnca	agacctgtt	cttntcagaa	300
ttggaatgac	aaacnggctt	ccctttttct	cctatngntg	gtactcttat	gtgtctgata	360
tacacatttc	ctngtcttaa	cnttnaggga	gttacaattg	actaaacact	tcattgattg	420
nttcacncca	tgancctna	tcccanggtt	tcatttggtg	acaattgctt	acttttgngg	480
ggtcttttaa	aaaggnacnc	gaaatcttca	ttattgccgt	aaaaacctta	aagatctgtt	540
ggnantcaca	agaagacaaa	nggccgaaat	tttaaagggg	aggggaattt	tnatttttna	600
aagaaccttt	ttnggttga	nnaaaaacat	aatttgagcn	ttcnnctttt	nagaattccc	660
ctaacatctc	aggttggtg	gggngg				686

<210> 3358

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (705)

<223> n = A,T,C or G

<400> 3358

tatncataca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagaaga	60
gaagctgaga	cttctgcttc	cacacccctt	gcaagtgtt	tcttgaaggc	ctgggtgtat	120
cggccaggag	aggacacgga	ggaggaggaa	gatgaggatg	tggatagtga	ggataaggaa	180
gatgattcag	aagcagcctt	gggagaagct	gagtcagacc	cacatccctc	ccacccggac	240
cagagggccc	acttcagggg	ctggggatat	cgacctggaa	agagacagag	gaagaggaag	300
ctgctgagga	ctggggagaa	gctgagccct	gccccctccg	agtggccatc	tatgtacctg	360
gagagaagcc	accgcctccc	tgggctcctc	ctagctgccc	tccgactgca	aaggcggtct	420
aagcgcccag	aaacccctac	tcatgatccg	gaccttgaga	ctcccctaaa	ggccagaaag	480
gtgcgcttct	ccgagaaggt	cactgtccat	ttcctggctg	tctgggcagg	gccggccang	540
ccgcgcang	gccctgggag	cagcttgtcg	gatcgcagcc	gttccacgcg	ataccaagc	600
ccagagactg	accctgctac	ctntgccggc	aagctgcccc	tagaccactt	accctctgct	660
accaactgct	ctcttgctnn	ccagcaacac	cttngcantg	gnac		705

<210> 3359

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (835)

<223> n = A,T,C or G

<400> 3359

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ggattgattc	agggagaaat	ttgcactgat	ggctcagaag	cttacgtcat	ggagagtatg	120
acctacctca	cagcagggat	gctggaccaa	cctggctttc	ccgactgctc	catcgaggca	180
gccatggtga	aggtgttcag	ctccgagccg	cctggcagtg	tgtgagttag	gcgctgcaga	240
tcctcggggg	cttgggctac	acaagggact	atccgtacga	gcgcatactg	cgtaaccccg	300
catcctcctc	atcttcgagg	gaaccaatga	gattctccgg	atgtacatcg	ccctgacggg	360
tctgcagcat	gccggccgca	tcctgactac	caggatccat	gagcttaaac	aggccaaagt	420
gagcacagtc	atggataccg	ttggccggag	gcttcgggac	tccttggggc	gaactgtgga	480
cctggggctg	acaggcaacc	atggagtgtg	gcacccagtc	cttgcggaca	gtgccaacaa	540
gtttgaggag	aacacctact	gcttcggccg	gacctgtgga	gacacttntt	gttccgcttt	600
ggcaagaaca	tcatgganga	acaacttggc	acttgaaagc	gggtgggcaa	cattcctnat	660
tnaaccttgt	attggcatga	cnggccgtgc	ttgtccgcng	ggccaanccg	cttccattcc	720
gcatttgggc	ttncgnaaan	ccaccgaacc	acganggntt	ttntttgggn	ccaacaaccn	780
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<210> 3360

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 3360

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gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	acccttangt	ggtcncggc	ggcgcgggga	ggcccagggc	aatnngacag	300
nccctccgnt	tgactccgcc	agtgtgcag	nccctactct	ttcanagttg	ggagccctgg	360
gaccaggca	ccaattgttc	ttgcaaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacacca	aggccggcgg	taccagcgag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgaccccgan	gangaagang	540
gaaggacaaa	tggaacngtga	acggccttcg	cccgcgggaa	agcttctggg	agcccacatt	600
caatgatgaa	gggggagctg	caagtgatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3361

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3361

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gagcaccgga	gcctgcggct	ccagacggac	gcccgcgaagg	tgaggtgcat	cctgacaggt	120
cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	acccttangt	ggtcncggc	ggcgcgggga	ggcccagggc	aatnngacag	300
nccctccgnt	tgactccgcc	agtgtgcag	nccctactct	ttcanagttg	ggagccctgg	360
gaccaggca	ccaattgttc	ttgcaaaactc	accctgcggc	acatcaacaa	gtgcccanaa	420
cacgtgctga	ngcacacca	aggccggcgg	taccagcgag	cttttgtgta	aatatgaaga	480
atgtctnaag	caaggggtgg	agtacatgcc	tgctgcctgg	tgaccccgan	gangaagang	540
gaaggacaaa	tggaacngtga	acggccttcg	cccgcgggaa	agcttctggg	agcccacatt	600
caatgatgaa	gggggagctg	caagtgatga	cagcatgaca	gacctgtnc	cctgactttt	660
caccagaagg	accttgaaca	cngaggatgg	ggatggactg	atgatttttg	acaacaaaga	720
ggttgaaagg	caaancccca	aaaaaaaggc	cttgtgaagg	cagganaaan	acaacctntc	780

<210> 3362

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3362

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cacgagctgc	cctgccgcct	gccggagctc	caggtctaca	cccgcggcaa	aaagtaccag	180
cggctgggtcc	gcgcctcccc	ggccttcgac	tatgcagagt	tcgagccgca	catcgtgccc	240
agcaccaana	acccttangt	ggtcncggc	ggcgcgggga	ggcccagggc	aatnngacag	300

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nccctccgnt tgactccgcc agtgctgcag nccctactct ttcanagttg ggagccctgg      360
gacccaggca ccaattgttc ttgcaaactc accctgcggc acatcaacaa gtgcccanaa      420
cacgtgctga ngcacacca aggccggcgg taccagcgag cttttgtgta aatatgaaga      480
atgtctnaag caaggggtgg agtacatgcc tgctgcctgg tgcacccgan gangaagang      540
gaaggacaaa tggacngtga acggccttcg cccgcgggaa agcttctggg agcccacatt      600
caatgatgaa gggggagctg caagtgatga cagcatgaca gacctgtnc cctgactttt      660
caccagaagg accttgaaca cngaggatgg ggatggactg atgatttttg acaacaaaga      720
ggttgaaaagg caaancccca aaaaaaaggc cttgtgaagg cagganaaan acaacctntc      780

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<210> 3363

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(917)

<223> n = A,T,C or G

<400> 3363

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tccttaccct ggtccgggtg gaggaggttg gggtagcgga agcagcttcc ggggaacccc      180
gggcgggggc ggaccacggc cgccctcccc tcgagacggg tacgggagtc cgcaccacac      240
gccgccgtac gggccccggt ctaggccgta cgggagcagt cactctccgc gacacggcgg      300
cagcttcccg gggggccggt tcgggtctcc gtcccctggc ggctaccctg gctcctactc      360
caggtccccc gcgggggtccc agcagcaatt cggctactcc ccaaggcagg annanaanca      420
nccncanggt tntncaagga catntacacc atttgatca nggcgtntta naaaaaaaaan      480
aatgttaatg anttgaaaa ntatttnaaa gcctttnaat gnttnnnnna atccttnggg      540
nttggcctta naaanccaan attntngtng gngggntntt aannccnnnc aantncnnnn      600
nnattncntt naaaacnttt nnnccanggn cnnaaaaaaa nggggnaann aaaaaacttt      660
tttnnttnaa nnantttttt tggaaaattt naaancntng gaaaancntt tnnntngttn      720
ntnangggaa annantnttt tgggnncnaa aaaacntttt naannntnn nggtnnnan      780
nnnttaaaaa nttnnnccc ccaannnnnt nnanngnanc ttttnnantt ngggantaaa      840
nttnnnnnna nggggnnttt ttnngnnna atttnnnnnn annnnnnnan nnanggnnt      900
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<210> 3364

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3364

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ttaatatata tacanctact tgttcttttt gcaggatccc atcgattcga attcggtacg      60
agatcagagg aggcttcttc atccttcaac tccatgatga actcctatat gaagtggcag      120
aagaagatgt tggtcaggta gtcagattg tcaagaatga aatggaaagt gctgtaaaac      180
tgtctgtgaa attgaaagt aaagtgaata taggcgccag ctggggagag ctaaaggact      240
ttgatgtgta actgtgctgt tgatgaagtc ctcccaggga agcctgtgca gatgcagtca      300
cctggaaaaga acagagatta ccctttcacc tacctcagca aaacaaactt tcaagtcttg      360
atagacttag cctagtaatt ttatagttag agtttcaaac tatatatcag tgtctatagc      420
atcaaaaaact tctgggggagc tgggggaagt agaataccaa gtataatagt tacattcact      480

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ttcaaagagc	atctatgaat	ttgccttttg	tacttactgt	ggcttttaaac	atattcagaa	540
cagatgcttg	aaatatgcac	ttagcacttt	ggttnccat	ctgtctgggt	aaaccatgaa	600
gaaaatgaac	tgctgcctca	atcgacccag	acagcaccat	aggcagataa	agaattggnt	660
tcaccctggg	ggtggtaggc	atcgcggtg	actttttttt	ctctatatca	attttcagta	720
cgggaatagt	attttaaaat	agattggctn	ataaattatg	aatctttaag	tagtagan	778

<210> 3365

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 3365

gtnnnnngtt	tgannnccat	cnttttatat	ncatttttct	actngttctt	tttgacagga	60
tccctcgatt	cgaattcggc	acgaggggag	aaaaagatga	ccgaaattca	aactcctgaa	120
aatactcctc	gtttatttga	tttagtaaaa	gtnaaagatg	agaaaattcg	ccaagctttt	180
tattttgctt	tacgagatac	cttagtagct	gacaacttgg	atcaagccac	aagagtagca	240
tatcaaaaag	atagaagatg	gagagtggta	actttacagg	gacaaatcat	agaacagtca	300
ggacaatgac	tggtgggtga	agcaaagtaa	tgaaaggaag	aatgggttcc	tcacttggtt	360
ttgaaatctc	tgaagaagag	gtaaacaaaa	tggaatcaca	gttgcaaaac	gactctaaaa	420
aagcaatgca	aatccaagaa	cagaaagtac	aacttgaaga	aagagtagtt	aagttacggc	480
atagtgaacg	agaaatgagg	aacacactta	gaaaaattta	ctgcaagcat	ccagcgttta	540
atanagcang	agaaatattt	gaatgtccaa	gttaagggaac	ttgaagctaa	tgtacttgct	600
acagcccctg	acaaaaaaag	cagaaattgc	tagaagaaac	gttggtgctt	aaacaaatat	660
gatgctgtgg	ctgagaagct	gtaaagtaaa	actgagttaa	ccttcccata	catcgtgaat	720
atatctactc	aggcacagca	cttgtaataa	tacataatat	gnttg		765

<210> 3366

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (807)

<223> n = A,T,C or G

<400> 3366

ncttnaagcc	cttttaaaac	cgttcgaccc	atcgatccna	ntcaggancc	aancnanatc	60
naatctgnac	gaaggaaccc	cccncttga	gcnnaaactn	nncncttnt	ggggcaanag	120
ggtggactgg	gnnnnangng	nanagagaga	acgcanggcc	annaaggana	gaaaaccntt	180
cagcanctca	atnaactgcg	ggccaagana	tctacccgtc	tcccttctcn	cacaagnacc	240
attggccttn	nnatcngaag	catttgacaa	aaacttgctt	gtttgggect	gtcacctcct	300
gaaaggctgn	tttagntgtg	gatgncctng	attaaggag	agagcaccta	ggagctgcct	360
gccccagctg	gggtgacggc	tgtagggctg	ggtctatgtt	gcaagcccta	tatcctagcn	420
tgcaaggaa	agtgttagc	tntgtncctg	ctgacctctg	ggcagncant	catcaaanca	480
nanagacgtg	gcngcntgtg	ggcagcatgc	ccaantncct	tgcttgactn	agcactnatt	540
tctggtagnn	tnaaaaaaga	attnaangtt	tnttggggnn	nttttttttg	ggggngttga	600
gggggtggg	aaaaacatgg	ggggtagnnt	ttgagttgtt	anaaaatgtn	tntgaatcaa	660
nnntntntnt	nnaaacacga	tttgcccttt	tacccattat	aaagatgggn	cttatncccc	720
acngnactgg	ataaaccttt	ngggtttttt	ttggtntgga	nttgggttctt	tnaaaaaatt	780
tacccaattc	atgccctnng	ggntccn				807

<210> 3367
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (785)
 <223> n = A,T,C or G

<400> 3367

gnnnnnttttn nnnntntaaa cccttnagct actcgttctt tttgcaggat cccatcgatt	60
cgaattcggc acgaggctgc cacagggggg caatctttat ttgtcttact tcctacccct	120
tccctgttct gcctctttta ctcagttaag ttgttctgtt tgggacctgg aaaagaaccc	180
aaagaaaacc tgagtggaca ggttcatttc tggaatgcag aaaacatttt aaaggctaga	240
tttttagaat attctcaact agcattcttt ccattgattt gaaggggaat taactattat	300
aatctcttga atccaaaact ggatattaag aactttcccc cttactaagt ttaagacttt	360
tgtcatgtgg tgagtcaa atagaccattt tgattgtaaa ccataaaata gttcagcaag	420
tagccacag ttctggccta acagcagact tgctgttttc acttggtatc ctggagtgg	480
gttgctaacc ttaatttcta tgatgttttc taaaatgaaa cttgataaag tagaccacca	540
gctgcaccgt gttttctgta aaagtattgt tagtaagtgg ccaagagact tgaggaaaat	600
acagattttt tggttacctt ggtcttggtt taagtcttaa aaaattaaag ataacattat	660
aatgtagaat cagatgggac atagtccttg taagcttncc ttggaaatgt tttaaatatt	720
taggaagctt ttaaaagacc taaattgtac tctaaaagac actnaattgt ctaatgtaca	780
aaggn	785

<210> 3368
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (785)
 <223> n = A,T,C or G

<400> 3368

gnnnnnttttn nnnntntaaa cccttnagct actcgttctt tttgcaggat cccatcgatt	60
cgaattcggc acgaggctgc cacagggggg caatctttat ttgtcttact tcctacccct	120
tccctgttct gcctctttta ctcagttaag ttgttctgtt tgggacctgg aaaagaaccc	180
aaagaaaacc tgagtggaca ggttcatttc tggaatgcag aaaacatttt aaaggctaga	240
tttttagaat attctcaact agcattcttt ccattgattt gaaggggaat taactattat	300
aatctcttga atccaaaact ggatattaag aactttcccc cttactaagt ttaagacttt	360
tgtcatgtgg tgagtcaa atagaccattt tgattgtaaa ccataaaata gttcagcaag	420
tagccacag ttctggccta acagcagact tgctgttttc acttggtatc ctggagtgg	480
gttgctaacc ttaatttcta tgatgttttc taaaatgaaa cttgataaag tagaccacca	540
gctgcaccgt gttttctgta aaagtattgt tagtaagtgg ccaagagact tgaggaaaat	600
acagattttt tggttacctt ggtcttggtt taagtcttaa aaaattaaag ataacattat	660
aatgtagaat cagatgggac atagtccttg taagcttncc ttggaaatgt tttaaatatt	720
taggaagctt ttaaaagacc taaattgtac tctaaaagac actnaattgt ctaatgtaca	780
aaggn	785

<210> 3369
 <211> 1000
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1000)
 <223> n = A,T,C or G

<400> 3369

aatttttttn	nncnaattt	ttcccnaagg	gccccttaac	cttttgggtt	tttccctttt	60
tttttttttg	gccaanggg	gaaattcccc	cccccaattc	ccgnaattt	ttcccggnaa	120
aaatttttcc	cgggggccna	cccggnaagg	gggaaggggg	gaaaaatttt	taaccaggg	180
gggtttaagg	gccccaaaaa	aaatttttaa	ttggggggaa	gggnttttgg	ggggaagggg	240
gnaaccagg	gtttanttgg	aaaaccccc	ccnatttttt	tgggaccntt	ttttgccac	300
ccgggggaaa	aaagggaatg	gaaagcccc	aannaatggg	cctttttcca	aaaaagaaag	360
ccttgggggg	ggaccaaggg	gaaaaataag	aaattggctt	accatgggct	tggttttata	420
tgaatgatgt	gtctgcagga	ggaccctgtt	tttctgaagt	tggactagt	ttgccccaaa	480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac	540
ctgtcagtgc	tagtggcaac	aaatgggtat	caataaatgg	ctcatgaacg	tggacaagaa	600
tttcgaagac	cttgctgttg	gncagaattg	gaatgacaaa	caggcttccc	tttttctcct	660
attggtggna	ctcttatgtg	ctgatataca	catttcctag	tcttaacttt	caggagttaa	720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg	780
ggacaattgc	ttactttggt	gggttctttt	aaaaagtaac	acgaaatcat	catattgcat	840
aaaaccttaa	aagttctgtt	ggtattcaca	agaaagacaa	aggcagaagt	ttaaaagtgg	900
anggaatttt	atattttaaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc	960
nagttttaag	tantttcact	acatctcaat	tgggtgggtg			1000

<210> 3370
 <211> 1000
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1000)
 <223> n = A,T,C or G

<400> 3370

aatttttttn	nncnaattt	ttcccnaagg	gccccttaac	cttttgggtt	tttccctttt	60
tttttttttg	gccaanggg	gaaattcccc	cccccaattc	ccgnaattt	ttcccggnaa	120
aaatttttcc	cgggggccna	cccggnaagg	gggaaggggg	gaaaaatttt	taaccaggg	180
gggtttaagg	gccccaaaaa	aaatttttaa	ttggggggaa	gggnttttgg	ggggaagggg	240
gnaaccagg	gtttanttgg	aaaaccccc	ccnatttttt	tgggaccntt	ttttgccac	300
ccgggggaaa	aaagggaatg	gaaagcccc	aannaatggg	cctttttcca	aaaaagaaag	360
ccttgggggg	ggaccaaggg	gaaaaataag	aaattggctt	accatgggct	tggttttata	420
tgaatgatgt	gtctgcagga	ggaccctgtt	tttctgaagt	tggactagt	ttgccccaaa	480
aaagaactgt	gtttggtata	atctgttgca	gtggagaagg	agatatagtc	acggcatcac	540
ctgtcagtgc	tagtggcaac	aaatgggtat	caataaatgg	ctcatgaacg	tggacaagaa	600
tttcgaagac	cttgctgttg	gncagaattg	gaatgacaaa	caggcttccc	tttttctcct	660
attggtggna	ctcttatgtg	ctgatataca	catttcctag	tcttaacttt	caggagttaa	720
caattgacta	acactccatg	attgattcag	tcatgaacct	catcccatgt	ttcatctgtg	780
ggacaattgc	ttactttggt	gggttctttt	aaaaagtaac	acgaaatcat	catattgcat	840
aaaaccttaa	aagttctgtt	ggtattcaca	agaaagacaa	aggcagaagt	ttaaaagtgg	900
anggaatttt	atattttaaa	gaactttttg	ggttggataa	aaacataatt	tgagccatcc	960
nagttttaag	tantttcact	acatctcaat	tgggtgggtg			1000

<210> 3371
 <211> 924
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3371

annnnngnnnn	nnnnnnnnnnn	annagnnnnn	nagnngttga	ntttgaaacc	tttagccctt	60
ttgcagance	caccgnttcn	gnagatgatg	tggatanact	tggatactcc	cttgagtgga	120
anatannngt	gttcagactg	nncaagtnta	nctccanaga	ctttgaagtc	tgctaccag	180
aggagcctct	cagggactgg	ccggagatct	ccctgctgac	cgagaacgac	cgccactacc	240
acattccagt	cntttaannc	cgctgggggc	cnaacagcag	ngctcaccag	tgacgggtgt	300
cacagttgcn	ataaagtngt	ctctgaaacc	aaagctagca	tttcacnatg	gaaggaatta	360
ngacctatct	ttcaggatta	caggtacact	ggntgcaagc	catgcatgga	tggnttttct	420
taatnntnca	gtngatttgc	tctnaannca	nctgcanatg	aaaacanttg	gcgagtnggg	480
ngncnggact	ttgacccata	nagggggcgt	nggccacttc	acatgatggg	cggggncat	540
tgggaccaca	aatnaaaggc	cngcntggac	ancaaacntg	ggaaaaaann	naagaangaa	600
aaaccacnnt	aaagngaaaa	nacangcntg	accttggggag	aggaaaaaaa	aaccaagttt	660
taaccggtnn	atggttcatt	cattnaaaaa	aacctnnanc	ntcggacttg	tattttggag	720
gggattttaa	taccnaaana	atngggncct	tattttttnan	aataaagcnn	anaacctttt	780
accnaaagaa	ancccnannt	ttgggaatan	tggcnatntc	taaangggan	cccatnnggg	840
attnaacntt	gtnaaaaatt	aactaanact	ttcgggggaa	aagttgncna	aatngaaggt	900
ggntcanaaa	naaaanaaga	anng				924

<210> 3372

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3372

ttccatcagc	tcttgttctt	tntgcaggat	ccctcgattc	gaattcggca	cgagattcca	60
aaggctncaa	anaacttggg	cataantatg	atnatgagaa	gacancgtct	ttctntttaa	120
acagnttant	ngccttcact	tttgtgaaaa	tagnnttcan	cacanaaaact	gactntttta	180
gacaaagttn	taaccaatga	tnngntnngc	ttctaggata	tacactctaa	ancaactcac	240
tgtcccacgt	ggtggtcatt	gctggccnta	ntnanttggg	cctgcntaan	natattgata	300
tctaatttcn	tttaaccacc	ntnantngnc	cttanttacc	ancngggnnn	nactncacgn	360
ggcaactgng	gcntngcntn	cttnccagc	tcatggtgng	tgaatgttat	acaaattgcc	420
actcagatat	atttttggnc	gtaatggggg	gtacaaatga	tcatgtgatg	tgtncactca	480
tntggtgcaa	agtgcccng	gcaccaacng	ngncnnggtn	ctcanccaca	acctngctnc	540
ctctgagatn	cacnnccnt	cancctccga	gtaangagtt	gcgntacaac	tcatcaangg	600
nanactggnt	aatattaaaa	atcatecnat	atgnccatac	tttncctntt	ttgtancctg	660
cccaannatc	ccgtcaaagg	gnngtggttn	tctngcta	ttcccaccag	ntgggnntann	720
nttaattccn	ctcaggganc	aaanngttca	caatgccttt	ctttttttcc	cgnngggntt	780
ttggaagcn						789

<210> 3373

<211> 869

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (869)
 <223> n = A,T,C or G

<400> 3373

atttcaaaaa	ctcttgccctt	nttaaanacc	tnnecntact	cgatcntnca	cgaggaanga	60
ggacctaggg	acacacatat	ggtggccaca	cccaggaggg	tagtgngag	ttagatttna	120
gagtcaggc	cctaggttgg	gaccactcc	aaataatctc	ctcgggtgtg	gtgggtggtt	180
tatanangga	taaataaata	ataaacattt	ntaaaatata	cgctattcct	tgntggaaat	240
gcctgctgca	ccccggtttc	cantgacntn	ccgaangngg	ntatnnggtg	gtcantggaa	300
tnacagtcaa	tccanangtn	anccngcngg	gntgcatcaa	gctgncctcg	cacctgggnt	360
nnncaccctc	tgccccacac	tggtnatgat	gccacacctt	nccatgttca	cnctgtttgg	420
aaaaanncct	tttnttttcc	tcttttaaa	agaaaacatt	ganaaaagatt	ttttttttta	480
atgggcccgc	ccnaaaagg	agatctnccc	ncccttgat	atnatantnn	tgacctncc	540
tacnaagang	gcgtttttgg	caaaatnatt	ntttntttt	tcncgnggtg	gtgggggaaa	600
aatttttcct	ggggggggcc	ttngnngccn	aactnttaat	tttccccatt	aaggcaannt	660
ttctttgggg	gnctttcccc	nggggcttaa	ncnttaaa	ttggaatttt	tnnnggggtt	720
ggttngnccn	taaattttta	nnaaaatggt	ngtcnaaccc	aaaaaaaaat	ntnaccctcg	780
ggggccnaan	anttttttnc	cccccttgg	ngccttttan	tttccccac	aaactttttt	840
tttttcctt	ccaaccnctt	ttattcttt				869

<210> 3374
 <211> 1128
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1128)
 <223> n = A,T,C or G

<400> 3374

gnngggggnnn	nnnnnnnggg	gnngggggnnn	ggcgnnnggn	ncgncgggnnn	ancnnnnnnnn	60
nnnnnnnggg	ggnnnncccc	cgggtttttt	ggccaaaatn	ttggggccnaa	naaaccagg	120
gcccttacct	nggggncccc	ctttntttt	tgggcccang	gggnnagccc	nccncggncc	180
cggnnanggg	ggccnggggg	gnaggggccc	gcngcnaang	ccgnaggggg	ggggggcncg	240
cgccccccnc	ccannngncc	aagaganaaa	nnnaggcggc	nnagngaang	nggaannccc	300
ntggggcnng	gggnnanana	nccaagnggg	aggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggn	cantngnncn	ggggggnggg	aggggcacag	ggggaggagg	ncttngngng	420
ggngagcga	gcgcggggcn	cnancagnng	gggancncnn	gcaangggca	nnagangccg	480
nggnccacct	acnnngggga	ngcaaggcnn	tnagnatnat	nggggggnagg	agcaaaaang	540
ggngnccccg	ngctaggncg	ancntggggg	agggagcnnng	ccngaacagc	nggggggnnc	600
tgngngagaa	cnggagcgng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660
gatggcaagg	ggtatggngg	gctgggacan	gnnggggacc	cnagngnaaa	nncgtgnggc	720
aagngggacg	tnnggggngn	nngctggata	agggncgcaa	ggtaccnagn	cgggnncagg	780
gnngnactgg	nangcaggga	gagccgagga	cggnnagnng	gnngntgagg	gnacgncgng	840
gangacgtgc	caggnaaccc	nggggncgng	ggcggnnaaa	cnngncgagc	ncgccggggc	900
ngcgtcgag	agcnggggnn	aggcgannng	gtnaaggngg	ngngnggggn	angnnngggg	960
cgaggggncn	aaggatnnng	aggggggnac	acntgggccn	ganggcatgg	ncngncncgg	1020
ggccgaaaca	cggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgncgggnag	1080
gggnacnggg	ggcgggggcg	cagtggncag	tgtgnnngcg	gcgagccg		1128

<210> 3375
 <211> 1128
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1128)

<223> n = A,T,C or G

<400> 3375

gnngggggnnn	nnnnnnnggg	gnngggggnnn	ggcgnnnggn	ncgncgggnnn	ancnnnnnnnn	60
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gcccttacct	nggggncccc	cttttntttt	tgggcccang	gggnnagccc	nccncgnncc	180
cggnnanggg	ggccnggggg	gnaggggccc	gcngcnaang	ccgnaggggg	ggggggcncg	240
cgccccccnc	ccannngncc	aagaganaaa	nnnaggcggc	nnagngaang	nggaannccc	300
ntggggcnnng	gggnnanana	nccaagnggg	aggggggggg	ggggccggcc	gggntcgggg	360
gagnnacggn	cantnggncn	ggggggnggg	aggggcacag	ggggaggagg	ncttngggng	420
ggnggagcga	gcgcggggcn	cnancagngn	gggancncnn	gcaangggca	nnagangccg	480
nggnccacct	acnnngggga	ngcaaggcnn	tnagnatnat	nggggggnagg	agcaaaaang	540
ggngnccccng	ngctaggncc	ancntggggg	agggagcnnng	ccngaacagc	ngggggggnnc	600
tggngagagaa	cnggagcgng	ncngnacggc	ccnggagaca	aggagcgtct	gggggagggc	660
gatggcaagg	ggtatggngg	gctgggacan	gnnggggacc	cnagnnaaaa	nnctgtngggc	720
aagngggacg	tnnggggngn	nngctggata	agggncgcaa	ggtaccnagn	cggggnncagg	780
gngncaactgg	nangcaggga	gagccgagga	cggnnagngc	gnggntgagg	gnacgncgng	840
gangacgtgc	caggnaaccc	nggggncgng	ggcgggnaaa	cnngncgagc	ncgccggggc	900
ngcgtcgag	agcnggggnnn	agggcannng	gtnaaggngg	nggngngggg	angnnngggg	960
cgaggggncn	aaggatnnng	aggggggnac	acntgggccc	ganggcatgg	ncngncncgg	1020
ggccgaaaca	cggaacgcg	gggggagggc	angngngggg	nctgggggnc	cgncgggnag	1080
gggnacnggg	ggcgggggcg	cagtggncag	tgtgnnnngcg	gagagccg		1128

<210> 3376

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3376

aantacatca	gctnttntct	ttttgcagga	tcccatcgat	tcgagaaagt	gctagcacag	60
tttgtgttgt	ggatttgcta	cttccatagt	ttacttgaca	tggttcagac	tgaccaatgc	120
atttttttca	gtgacagtct	gtagcagttg	aagctgtgaa	tgtgctaggg	gcaagcattt	180
gtctttgtat	gtggtgaatt	ttttcagtgt	aacaacatta	tctgaccaat	agtacacaca	240
cagacacaaa	gtttaactgg	tacttgaaac	atacagatat	gttaacgaaa	taaccaagac	300
tcgaaatgag	attattttgg	tacacctttc	tttttagtgt	cttatcagtg	ggctgattca	360
ttttctacat	taatcagtg	tttctgacca	agaatattgc	ttggattttt	ttgaaagtac	420
aaaaagccac	atagtttttc	cagaaagggt	tcaaaactcc	caaagattaa	cttccaactt	480
ataagtttgt	ttttattttc	aatctatgac	ttgactggta	ttaaagctgc	tatttgatag	540
taattaaata	tggtgtcatt	gatataaacc	tggttggttc	agcaaacaaa	ctaaaatgat	600
tgtcataaga	caggggtttt	atttttccctg	gtggngtng	ctgatttgng	gagcatgcct	660
ttaagaatga	aaaaagcctg	gaatggataa	ccttccctta	aaaaaggngc	cggcattcca	720
attcaaaata	ttttcgtcct	ggatttnaaa	gctggttggg	gtaatgctaa	ttaaaaattc	780
cttcagttaa	ttt					793

<210> 3377

<211> 828

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

<400> 3377
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 cnatctantc nnngecggen cegcnengnn gtntnncatt nataaanngc ttgaanatna 120
 tgatgtngcc ntctagnnac nnagatttga ntccgnttan ngaatgtgga aatntgcnc 180
 ggaagaaatg tttnncnttna tgatagctcg tgnatggaaa aaagngcact gnatttatta 240
 cacaaactta cnaatgcttn acttctttac acaacatnng tnaantnata tttgggntat 300
 tgcattctat naacaatttg tgnatgnntt aanatgggtg tnatnactnt gntnnncgnc 360
 annntgtttt taacnnatan tggccctaaa atatgggtgt gcttatataa tcgcttactt 420
 ctgggnactgn aacngnnnta cngaggacag ntgggntttt aaccctcttn ttgnacgttt 480
 gccngaccta cntgggntan tatggattct aaaagtactt caatgnnctt annaagaaac 540
 atatccttgn ggngtattta gatgcttttt gattataccc acacaatncc tgaggggaca 600
 ttttggggcn tngaataata aacanttnna tntccactta ncatctgccc ccngngggta 660
 agttactatt ngtttngcng gtacaactaa atnntctttt ccantntttt aattgggaaa 720
 taggggcgaa tnnctangnc tttantggnt ggtntctggg ctcaatggac natnnaacaa 780
 ttgnnaaana caaatntgta aatcccggaa ttcctnataa aaaaaant 828

<210> 3378
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 3378
 nnnnnnnntt nnttttnata tacatncagc tcttgttctt tttgcaggat cccatcgatt 60
 cgctgacaac ttgattgggt tctccttcag gtttgaagcg ccctcgagaa gtgtctaaag 120
 gagacagtgt atagccaaac aacagttttg gattcactga ctgattatga aagaagcagt 180
 agactggtat caagaatcag tcagcaagga ggccctcacc agacgccagt gccatgttct 240
 tggacttctc agcctccata ttcattgaact aagtttttgg aatccttagg ctccngtgt 300
 ggaaagcctg agctaacctc ctggaggatg agccatcacc tggagcagat tcaggccatc 360
 ctagtgaag cctccctagg ccaagcaacc gtccaactac cagacattga ccattcagcc 420
 ttgaacattc agcacaaga caaaacagac cagaccagaa ggtcccaca gaatagggga 480
 aactattcag agaaaactta agccactaag ttttatgggtg ttttgttctg tagcagaagc 540
 ataggcatac tgacaataca aaccgaaatc cttctaactg agtggacctt ttcaggccac 600
 attttttntc tgaaaacctg gagcatgtat catcttatag cagagatcac tttcacaatg 660
 tttgggctct tgatttgaat tgatgatgta atgagccctc tatncagatg nnactaatta 720
 ctctgcgaat tgactgggat tcacaccctt ctaatatatt acttttctc ttttatcaac 780
 tctcattctc gct 793

<210> 3379
 <211> 686
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (686)
 <223> n = A,T,C or G

<400> 3379

tgtgcncgga	aagatnagcc	aaatgctttc	aaagagctng	ggacaggaaa	tagaatngct	60
acngtggtg	atntatatga	gtgatgtgtc	tgcaggagga	gccctgcttt	tgtgaattg	120
gagctagtgt	ttggcccaaa	aaaggaactg	ctgnnttggn	ataancctgn	ngccannnga	180
nancgagatt	atagtacacg	gcntgcagcc	tgtncagggtg	ctagttaggca	acaaatgggt	240
atncaataaa	tggctccatg	aacgtggaca	agaatnnnca	agaccttggt	cttntcagaa	300
ttggaatgac	aaacnggctt	ccctttttct	cctatngntg	gtactcttat	gtgtctgata	360
tacacatttc	ctngtcttaa	cnttnagggg	gttacaattg	actaaacact	tcatgattgg	420
nttcacncca	tganccttna	tcccanggtt	tcatttggtg	acaattgctt	acttttgngg	480
ggtcttttaa	aaaggnacnc	gaaatcttca	ttattgccgt	aaaaacctta	aagatctggt	540
ggnantcaca	agaagacaaa	nggccgaaat	tttaaagggg	aggggaatttt	tntattttna	600
aagaaccttt	ttnggttgga	nnaaaaacat	aatttgagcn	ttcnnccttt	nagaattccc	660
ctaacatctc	aggttgggtg	gggnngg				686

<210> 3380
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 3380

ttccatcagc	tcttgttctt	tntgcaggat	ccctcgattc	gaattcggca	cgagattcca	60
aaggtnncaa	anaacttggg	cataantatg	atnatgagaa	gacancgtct	ttctnttaaa	120
acagnttant	ngccttcact	tttgtgaaaa	tagnnttcan	cacanaaaact	gacttnttta	180
gacaaaagtn	taaccaatga	tngngtnngc	ttctaggata	tacactctaa	ancaactcac	240
tgtcccaact	ggtgggtcatt	gctggccnta	ntnanttggn	cctgcntaan	natattgata	300
tctaatttcn	tttaaccacc	ntnantngnc	cttanttacc	ancnggggnn	nactncacgn	360
ggcaactgng	gcntngcntn	cttnnccagc	tcatgggtng	tgaatgttat	acaaattgcc	420
actcagatat	atttttggnc	gtaatggggg	gtacaaatga	tcatgtgatg	tgtncactca	480
tntggtgcaa	agtgccccng	gcaccaacng	ngncnnngtn	ctcanccaca	accntgctnc	540
ctctgagatn	cacnncccnt	cancctccga	gtaangagtt	gcgntacaac	tcatcaangg	600
nanactggnt	aataattaaa	atcatccnat	atgnccatac	tttnccnttt	ttgtancctg	660
cccaannatc	ccgtcaaagg	gnggtgtttt	tctngcta	ttcccaccag	ntgggnntann	720
nttaattccn	ctcagggganc	aaanngttca	caatgccttt	ctttttttcc	cgnngggntt	780
ttggaagcn						789

<210> 3381
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (784)
 <223> n = A,T,C or G

<400> 3381

naacacttng	ctacnngttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggag	60
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atctctggga tgtcagtga gctgggtgaa gaccagaggt aaactgcaga ggtcaccacc 120
cccaccatgt cccagggtgat gtccagccca ctgctggcag gaggccatgc tgtcagcttg 180
gcgccttgat atgagccag gaggaccctg caccagcac ccagccccag cctgccaccc 240
cagtgttctt actacaccac ggaaggctgg ggagcccagg ccctgatggc ccccggtgcc 300
tgcattggggc cccctggcgg actccagcaa gcccacagg tggaggccaa agccacctgc 360
ttcctgcccgt cccctgggtga gaaggccttg gggaccccag aggaccttga ctctacatt 420
gactttctac tggagagcct caatcagatg atcctggaac tggaccccac ctccagctg 480
cttccccag ggactggggg ctcccaggct gagctggccc agagcaccat gtcaatgaga 540
aagaaggagg aatctgaagc cttgggtaag gatttggggc acagtaccag gaggggggct 600
tgggtccaga cctcatgagg aagaaggatt ttcctatgta cagagaaggg gaccctgtc 660
ctgttgggan gtgctgtgca aacctaacca aagtactaa cccctctggt ttctgnggtt 720
acacaaangg ggataaatac aaagctttnc ctnaactagc caattctatt tgggtttcct 780
gagt 784

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<210> 3382

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3382

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aaccaccagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg cagcagtgaa 60
agttcaaaaca gaaattgcat tgttattaca gagaaagcaa gaactagttg cagaactgga 120
ccaggatgaa aaggaccagc aaaatacatc tcgcctggta caggacata aaaagctttt 180
agatgaaaac aaaagccttt ctacttacta ccagcaatgc aaaaaacaac tagagggtcat 240
cagaagtcag cagcagaaac gacaaggcac ttcatgattc tctgggaccg ttacattttg 300
aaatatgcaa agaaagactt tttttaagga aaggaaaacc ttataatgac gattcatgag 360
tgtagcttt ttggcgtgtt ctgaatgcca actgcctata tttgctgcat ttttttcatt 420
gtttattttc cttttctcat ggtggacata caattttact gtttcattgc ataacatggt 480
agcatctgtg acttgaatga gcagcacttt gcaacttcaa aacagatgca gtgaactgtg 540
gctgtatatg catgctcatt gtgtgaaggc tagcctaaca gaacaggagg tatcaaacta 600
gctgctatgt gcaaacagcg tccatttttt catattagag gtggaacctc aagaatgact 660
ttattcttgn atctcatctc aaaatattaa taattttttt nccaaaaaga tggatatatac 720
caagttaaag acaggggtatt ataaatttag agtgattgnt ggatattacc ggaaa 775

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<210> 3383

<211> 1044

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1044)

<223> n = A,T,C or G

<400> 3383

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naacgcnnng tacttgttct ttttgcagga tcccatcgat tcgaattcgg cagcagcccc 60
ggtcgtgtag cgggtgtata ctacggtcaa tgctctgaaa tctgtggagc aaaccacagt 120
ttcatgccca tcgtcctaga attaattccc ctaaaaatct ttgaaatagg gcccgtatgt 180
accctatagc acccctcta gagccaatan annaantnat nntnnnaanc ncnnnancnt 240
ananaanctc nancctttan aactntnnng agtcntnntn annnnnatnc anacatgntc 300
ncatacatcn cttatttttg ncnnnccnnn cctnnanngc ncnnnnanan angcnntntt 360

```

```

ntcaaattnn nnnncnnncg nnnnnnnntc nnnccatnnc nnnncnnttc tacnnatnnc      420
nnnntnctac nnnntccnntn cnttnnaann tntccncncc ntncngnnnn nctnnnnnt      480
tnnntnnnnn nnnnnnnncn ntctnncccc cnnnnctcc nnnnnnnncc nnnntcnnnc      540
tncnnnnnnc ncnctnntn tnnccnnnnc nnttnntnnn nnnntnccnc nnnntnnnnnt      600
nnnnnnnnnn ncntnccnnn nnnnnnnnnn nnnnnnnnnn tnnnnnnnnn nntnnnnnnn      660
nnncnccnnn nnnnnnnnnn nntnnnnnnn nnnntnccnn tnnnnnnnnn nncntnnnnn      720
nncnannnnn nnnnnnctnt nnnnnnnnnn nnnnctnnnn cnnctnctct cnncccnntn      780
tatcncnnna nnnnnntnctn nnnnnnnnnn nnnnctnnnn ntccnnnnnn cnnnnnnnnn      840
nntnnnnnnn cnnctnccnn tnnccnnnnn nnnccnnnnn nntctnnnnn nnnccnccct      900
nnnnntnctn nnnccnnnnn nnnnnnnntn tctcctnnn cncntnnnnn cntnccctac      960
ncnctnnccn cnaaccnnnn tncatnnctn nntcnctnt tacctttaacn nccnccncc      1020
cttnccnatn acncaatncc ncct                                1044

```

<210> 3384

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3384

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tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca      60
gccttggtga cagagcgaga ccctgtctct aaaaaataaa taaataaaat attgtgagtc      120
tctgatgggg agcagtattg catggtgggt gagaactgag gctctgatgt tagaactgga      180
ttctgactta acccactggt tgcccacatc ttgagccttg gttccctat ctgtaaaatg      240
gcagtattct cgggctggct gaggaagga aatgaggcca ggcgcggtgg ctcaggcctg      300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat      360
cagcctgacc aacatggcaa accccgcgt ccaactaaaa tagaaaaaaa tagctgggca      420
tggtgggtgca cccctgtagt ctcagctact tgggagacag aagcaggaga attggttgaa      480
cttggaaggt ggaggttgca gtgagctgag atcgaccac tgactccat cctgggcgac      540
agagcaagac tgtctcaaaa taaataaata aataaataaa taaagttaaa aaanaaaaaa      600
aaaaactcga gcctctagaa ctatagttag tcgtattacg tagatccaga catgataaga      660
tacattgatg agttcgga aaccacaaac tagaatgcan tgaaaaaaa tgctntattt      720
gtgaaatttg tgatgctatn gcttttattt gtaaccatta taagctgcaa ttaaccagtt      780
aaa                                                                783

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<210> 3385

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3385

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tcaacagctg gctactcggt ctntntgcag gatcccatcg attcgaattc ggcacgagca      60
gccttggtga cagagcgaga ccctgtctct aaaaaataaa taaataaaat attgtgagtc      120
tctgatgggg agcagtattg catggtgggt gagaactgag gctctgatgt tagaactgga      180
ttctgactta acccactggt tgcccacatc ttgagccttg gttccctat ctgtaaaatg      240
gcagtattct cgggctggct gaggaagga aatgaggcca ggcgcggtgg ctcaggcctg      300
taatcccagc actttggcag gctgaggcag gtggatgatt tgaggccagg agtttgagat      360

```

cagcctgacc	aacatggcaa	acccccgcgt	ccactaaaaa	tagaaaaaaa	tagctgggca	420
tgggtggtgca	cccctgtagt	ctcagctact	tgggagacag	aagcaggaga	attgggttgaa	480
cttggaaggt	ggaggttgca	gtgagctgag	atcgaccac	tgcactccat	cctgggcgac	540
agagcaagac	tgtctcaaaa	taaataaata	aataaataaa	taaagttaaa	aaanaaaaaa	600
aaaaactcga	gcctctagaa	ctatagttag	tcgtattacg	tagatccaga	catgataaga	660
tacattgatg	agttcggaca	aaccacaaac	tagaatgcan	tgaaaaaaa	tgctntatatt	720
gtgaaatttg	tgatgctatn	gcttttattt	gtaaccatta	taagctgcaa	ttaaccagtt	780
aaa						783

<210> 3386

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3386

caacgctngc	tacnngttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagcaaa	60
gaggtagaca	gtgaagacag	tgctcctcctg	tttggtattg	catggacgat	cacggaaatc	120
atccggttact	cctttttatc	attcagttcta	ttaaaccatc	tgccttacct	catcaaattg	180
gccaggtaga	cacttttcat	tgtgctgtac	ccaatgggag	tgtcaggaga	actgctcaca	240
atatatgcag	ctctgccctt	tgtagacaaa	gctggcctat	attccatcag	tttaccacaac	300
aaatacaatt	tctcttttga	ctactatgca	ttcctgattc	taataatgat	ctcctacatt	360
ccaatttttc	cccagttata	cttccacatg	atacaccaga	gaagaaagat	cctttctcat	420
actgaagaac	acaagaaatt	tgaatagtgc	ctgctttctg	cacctccac	caaaacaaac	480
ttttcaatga	tcaaaaaatg	ctgcagattt	tttgagttcc	caatacgttt	catagaaaat	540
aagtaagaac	tattttttaa	atattcaaac	aaaactaaaa	caaaaatcca	gtgtcacatg	600
ggcctgagat	tttatttttag	aaaaagggtg	ttacataaaa	cacctgggcc	agttcatttc	660
agcatgctct	ttcaaccaga	agttcttaac	atttatgatg	gcactagaaa	gggatttggc	720
attttatgtc	cttctgtgtc	cttcatgtat	ctgatcaatg	aagacctgta	ccactaan	778

<210> 3387

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 3387

catanagntc	ttgccttttt	gnaggacnct	cgattcgaat	tcggcacgag	cccccatctt	60
cactgggttat	tccacttatt	taaaatgtcc	agaataagca	aatctccata	tagaggaagt	120
agatttagtgg	ttgcttcggg	atgggaggaa	tgggaagatt	gaggtctttc	ttttgcagtg	180
ataaaaatgt	cctaaaattg	actgtagcga	tggtagacaca	actctgaata	tgcttaagac	240
cattgaatta	cacactttac	gttggtgaat	tgtatggatg	taaattatag	ttcaataaca	300
tagttacaaa	agataatcaa	aagcatgaaa	gcactgttga	tgtggnttgg	atctgtgtcc	360
tcaccgagtc	tnatgttgaa	atgtaagccc	cctgggtggga	ggcgtatggga	ttatggggca	420
gantcctcac	aaacgggtta	gccacccgc	tcaggctgtt	ctcctgatat	tgagtcctca	480
tcacatctgg	ttgcttcaaa	gtgtgtggng	ccttccctct	atctcctact	gctctggcca	540
tataaangt	gcctgcttct	ccttcgcctt	ntacatgatt	gtaaagtctc	ctgagcctcc	600
tagaacnaaa	gctgtctgngc	tttctgtcca	tctacangan	cgtgagccca	attaaacctc	660

tttttttttt ttngagggn nttntntnnc nntccnnnca ntttnanann cctngnanng 720
 gtttnnaaaa anaananngn naannnnnnnn ncccccnge ccttttaaaa taaaaa 776

<210> 3388

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3388

tatacataca	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	60
gccatcttgc	tatgtttccc	aggctgggtt	tgaactccca	gcctcaagca	atcctccctt	120
tccgcctcag	cctcccaagt	ggctgggggt	atgggcctga	gccactacac	agctaagagt	180
gtcttgatg	tgctaagtga	atggctgggt	tctgagagcc	cctagagagc	ttcaagatgg	240
gggctagtct	ttagaaagtc	caagcaatgg	ctaggtagtg	tggccactgc	ctgtaatccc	300
aggagtttgg	gaggccaagg	tggacagatc	acctaggagt	ttgagaccag	cctggccaac	360
atggcgaaac	actgtctcta	ctaaaaagac	aaaaatttagc	aagacaaaaa	ttagctgggc	420
ttgggtggga	gttcctgtag	tcccagctac	ttgggagggt	gaggcaggag	aatcacttga	480
acctgggagg	cagaggtttc	agtgaagctga	gatcatgcca	ctgcacacca	gccgcctggg	540
tgacagagca	agactccatc	taaaaaacaa	aaaaagtcac	gattagaggg	ttggaacttt	600
cagcctttcg	gcctctgctt	cttgtcccca	cctntgggca	naaggggaagg	gctagagatt	660
gaattatncc	aatggccaat	gatttattta	atcaatatga	aaccttcata	aaatccccta	720
agtgataaag	ttcanagagc	tttcaagttg	gtaaagcttt	tctangtgct	tgggaagggn	780

<210> 3389

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 3389

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gaatccccac	ccccatcaat	tttcaggaat	gggatgggtct	agtaaggata	acctttgtta	120
ggaaaaaaca	gacactctct	gctgcattta	aatcaagtgc	agtgaacaa	ctcttggaaa	180
aaaactacag	aattcactgt	tcagtccata	atattataat	accagaagat	ttcagcatag	240
cagataaaat	acagcaaatc	ctaaccagca	caggtttttag	tgacaacggg	cccgttccat	300
ggacatagat	gacttcatca	gattgctaca	tggattcaac	gcagaaggta	ttcatttttc	360
ctaggatatt	ggaaaacaga	aattttcaag	gtcaagaaaa	gaaatgaatt	ttgtattttt	420
tgtattttgag	aagataatgc	ttttgcttta	ctgagacatt	atttacttga	ctatttttgg	480
ttcaatacta	ctactgggtg	caccatttat	gattctgaat	ttaaagttgg	gaaaggtcta	540
agtatcaaag	tttttaatat	ataatgctgg	tccaatctat	tcataataat	cttcaaggtc	600
agggagcccc	cagagaccca	ccaacttttn	cacttatcat	ttctaacagg	ttattggata	660
aagaangtan	ctcttctatt	taccgggnat	atacctggna	aggccttntt	tnngnccctt	720
tagctctggt	tcctccnggt	aattaaaaaa	ggttaaaaaa	atggaaaaaa	aaaaaaaaaa	780
aaaaaactcc	gngggcctnt	agaacttttt	ggggg			815

<210> 3390

<211> 857

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(857)
 <223> n = A,T,C or G

<400> 3390
 tcaacngctt ggctancgtt ctctttgcag gatcccatcg attcgcgtct canacaannn 60
 aagtatncta cccatccaca ggcagcagac aaggaagtac cttctgtgac tgnctggcaa 120
 ggtcagaggc atnaggggaag gtaaantact gnaactatat tnntaaaaat aaaagtattc 180
 cctttatgag tgtgaattac gaatcaatgc cccttctcac tactttttgt gaaaaaaatt 240
 accactnctg cancaagtct atgcctgggt aaccaccaac ccnccaaanc cnagaagaag 300
 nccccctttt cgggcntntg gaaggctgga gnancattng natntnggcc aacnggnccn 360
 taaantggng aantnacca ctttcctttt acaancgggt ggcntcntna naccancaca 420
 aattntntgg caccgggtn ctctnnacag gnaaccctgn naancaaana aacntggng 480
 tctgcaactn ngnggccan ntctnecggc ttgntntaaa atgactntgn cntncctttt 540
 ttaaaattca caaatntttt anccnctaca tanacatatg aagtgagnaa ccncanann 600
 gaanattnan aaaacntccc agccnncttt taactactan tngagnnctn tttaatnntc 660
 tnatcccnnn aannttggtg atggangccc attcgttttnn cacctttttg ganganaatc 720
 ccnccacct tctnaataa tctnntcnga ataaaaaaaa cncctcat attattcnnn 780
 caanaaantn tttnnnanna cnnccanggn gggctccttt tttngcccn cnccttttnna 840
 nncacntcn ntanaaa 857

<210> 3391
 <211> 857
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(857)
 <223> n = A,T,C or G

<400> 3391
 tcaacngctt ggctancgtt ctctttgcag gatcccatcg attcgcgtct canacaannn 60
 aagtatncta cccatccaca ggcagcagac aaggaagtac cttctgtgac tgnctggcaa 120
 ggtcagaggc atnaggggaag gtaaantact gnaactatat tnntaaaaat aaaagtattc 180
 cctttatgag tgtgaattac gaatcaatgc cccttctcac tactttttgt gaaaaaaatt 240
 accactnctg cancaagtct atgcctgggt aaccaccaac ccnccaaanc cnagaagaag 300
 nccccctttt cgggcntntg gaaggctgga gnancattng natntnggcc aacnggnccn 360
 taaantggng aantnacca ctttcctttt acaancgggt ggcntcntna naccancaca 420
 aattntntgg caccgggtn ctctnnacag gnaaccctgn naancaaana aacntggng 480
 tctgcaactn ngnggccan ntctnecggc ttgntntaaa atgactntgn cntncctttt 540
 ttaaaattca caaatntttt anccnctaca tanacatatg aagtgagnaa ccncanann 600
 gaanattnan aaaacntccc agccnncttt taactactan tngagnnctn tttaatnntc 660
 tnatcccnnn aannttggtg atggangccc attcgttttnn cacctttttg ganganaatc 720
 ccnccacct tctnaataa tctnntcnga ataaaaaaaa cncctcat attattcnnn 780
 caanaaantn tttnnnanna cnnccanggn gggctccttt tttngcccn cnccttttnna 840
 nncacntcn ntanaaa 857

<210> 3392
 <211> 956
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (956)
 <223> n = A,T,C or G

<400> 3392

ccctcancgn	ncnnaacann	netcnannnc	tcnnatctta	nctttcnna	tenantantc	60
ncganannnn	tnctcccnn	atnntaccna	nttancttac	cncctcnna	acnnctannt	120
tnaantnntt	ngnnnccng	tnttantntt	ttctaacnct	ggggaatcgc	ntctnngnag	180
ganccntcga	ntcgaaaatg	ccttcattnn	cctttttact	ttatcatgag	acataagatt	240
tattggcttc	atatcaaccc	ttaagtattg	ttaactttat	gtaatagcat	ttgggttggg	300
gattgggtgtg	ttttcggttg	tacatagcat	agttgaatta	tgtaggcat	aattatgacc	360
ttattattgt	ctttatttga	aaattatata	tgatctcagg	aaatgtgtat	gagttcaagt	420
tgacaaggag	tgatnnggg	atggttgata	ctgagtgtca	acttgattgg	attgaagcat	480
gcagagtaat	aatcctgggt	tgtgtcctgn	gagcnatgtg	tcccaaanga	gaataacatt	540
tgagtcanng	gggctgggga	aaggcanacc	cacccttaaa	ctgggtgaac	accctntaat	600
caaactgtct	gctntggcca	gnatataaaa	gcangcnga	aaacntgaaa	aggctagaca	660
ggccttttagc	cctctcagcc	ctacatcttt	ctcccgctgt	tgtagtnttc	ctgncctcaa	720
acnccanact	tcaagtnctt	cancttttgg	gacttgaacc	tggtctctct	tgntcntnaa	780
ntttgnatca	cnggcttatc	tgngnggnac	cttanengtt	nagttcnaat	acctccnnaa	840
ttaaancnc	ttttctntac	ananactccc	nctnaattcg	naccntnta	naantnatag	900
tgancecna	aacctnnatc	cnnnncttga	tanngancca	ttgnacnnnt	tnnnnc	956

<210> 3393
 <211> 703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (703)
 <223> n = A,T,C or G

<400> 3393

caatgctggg	ctaagtctgg	ctctngttct	ttcgcaggat	ccctcgattc	gaattcggca	60
cgaggagcaa	aataggatta	tattaaagaa	gcaaaagaat	gtcctaaaaa	ttctccctgg	120
gattaagtaa	cacagtgatt	gatattagt	gagtagaggg	aaagatccat	gttagagata	180
gcttaagata	gggattagat	gaattgaggg	caatgactaa	agatactgct	tgcaagaaaa	240
ctggctgaga	atgagaggaa	aatcttagtt	gcttggcggg	agggggtttg	tggttgtgaa	300
agatagtttt	gtttaatctt	agtcttaa	ttaaaaccaa	gcagcaagga	tctagctgag	360
agaataattg	aatacattaa	tataggagga	cagacaaaga	tcctgaaaag	gctgggagaa	420
gagcatccaa	agcacagggt	gagagacaaa	aagggttaggg	ctgctggcag	ctgtggagag	480
aactgtacgt	ggtaaggggg	agatataaga	tgtcctgcat	aagtattttc	cctgtagatt	540
gcaaagtcac	ctatggagag	gaaaggtcca	aaatagtcac	tggggagagc	aggtgaatta	600
gatggccaag	cagggtggat	ggatcatttg	aggtttgggg	tgacagatca	actgagatcc	660
acttacactt	ctgaaaacca	agacacttta	gaaattaaca	ccg		703

<210> 3394
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (706)
 <223> n = A,T,C or G

<400> 3394

atgntggngct	aatgcttggc	tactngttct	tttngcagga	tcccatcgat	tcgcagcgga	60
tggccgaaaa	tctaggttc	gttgggcctt	tgaaaagcca	ggctgcagat	caaattacga	120
agctgtataa	tctcttcctg	aaaattgatg	ctactcaggt	ggaagtgaat	ccctttggtg	180
aaactccaga	aggacaagtt	gtctgttttg	atgccaagat	aaactttgat	gacaacgcag	240
aattccgaca	aaaagacata	tttgctatgg	acgacaaatc	agagaatgag	cccattgaaa	300
atgaagctgc	caaatatgat	ctaaaataca	taggactaga	tgggaacatt	gcctgctttg	360
tgaatgggtgc	tgggctcgcc	atggctactt	gtgatatcat	tttcttaaat	ggtgggaagc	420
cagccaactt	cttggtatctt	ggaggtgggtg	taaaggaagc	tcaagtatat	caagcattca	480
aattgctcac	agctgatcct	aaggttgaag	ccatccttgt	caatatattt	ggtggtatcg	540
tcaactgtgc	catcattgcc	aatgggatca	ccaaagcctg	cggggagcta	gaactcaagg	600
tgccctgggt	ggtcgggctt	gaaggaacca	acgtccaaga	ggcccagaag	atactcaaca	660
acagcggact	ccccattact	tcagccattg	acctggagga	tgcacg		706

<210> 3395

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 3395

gnnnctaattg	ctggctattg	ttcttttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
gcccagctac	gatctatatg	ctgtcatcaa	ccactatgga	ggcatgattg	gtggccacta	120
cactgctgtg	gcacgcctgc	ccaatgatcg	tagcagtcag	cgcagtgcag	tgggctggcg	180
cttggtttgat	gacagcacag	tgacaacggg	agacgagagc	caggtttgtga	cgcgttatgc	240
ctatgtactc	ttctaccgcc	ggcggaactc	tctgtgggag	aggcccccca	gggcagggtca	300
ctctgagcac	caccagacc	taggccctgc	agctgaggct	gctgccagcc	agggactagg	360
ccctggccag	gcccccgagg	tggccccccac	gcggacagcc	cctgaacgct	tcgccccccc	420
tgtggatcgg	ccagccccca	cctacagcaa	catggaggag	gtggattagc	aggtccctgg	480
ctgatggggg	ggactggggt	tgggacaccc	acacagaggg	ccagctcctt	gccgcttctc	540
cttctctaac	ccagaggaca	ctggctctgt	cagtgggaag	ctgaggggta	tgatttgggg	600
gtggagacct	ctcaggttgg	gacttcttgt	cagcttggac	ccctgaccag	tgggcttttg	660
cttctccagc	cgccttcagt	gctgcgtgat	ttgattctg			699

<210> 3396

<211> 1104

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1104)

<223> n = A,T,C or G

<400> 3396

tttcaacgct	ggctactngt	tcttttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
ttatgtctgg	ctgtagctgt	tggtcacgtg	aagatgacag	acgatgagct	tgtgtataac	120
attcacctgg	ctgtcaactt	cttggtgtca	ttgctcaaga	aaaactggca	gaatgtccgg	180
gccttatata	tcaagagcac	catgggcaag	ccccagcgcc	tatattaagg	cacatttgaa	240
taaattctat	taccagttaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	300
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaanann	naanaataan	cntantncnn	360
nnanttnatn	ncnancttct	ccatntacna	nnannttant	nactacannt	cncatcnnc	420

ttatcttcta	ataccnacc	ncnnatntna	ccatctaccc	tntnctcaac	cntccnctn	480
natnctcttn	ntcncccn	ncaccctcnc	ncntcnantc	ctntatannt	ttctccccctc	540
ncctcgnn	ctnngtncnt	tntctactgt	tntctntnta	nnctctcttc	tctnnctctc	600
ntnnctntct	nnancttnt	tnnccnctcn	gctcnnct	ctnncttctc	tatcttcccn	660
tntcncacn	ctctcatgca	attnnacnnt	cncnctnca	ncnattngac	tcnctctnn	720
atctntctgc	atcactnanc	nnennntnnc	ttctctctac	cnnctctctc	ttntnnnnnt	780
nnnncnn	cttatnacnn	nnennntnt	ntnnnnactc	nnntntann	nnntnnncann	840
nnntnnctc	tnnnennntnn	ntnctntntnn	nncttntnt	nnaccnaa	nnnnnnnn	900
nnnctntna	nnnnnnatna	ntnnctatnc	ctcactatn	nnctctcnn	nnnnnnnn	960
ntccccnn	nnatnnctcn	cttnacatac	tctctatctn	nnnnaccnc	tacnancanc	1020
tnntntnct	nnnnntana	cncctnnnn	tntnngetct	cnnnnnnac	nctnttctnn	1080
nantnatctc	ttccccngnc	naac				1104

<210> 3397

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 3397

tttnnnntn	tnaatccctt	ngetaccncc	ntttgatnga	catacancta	cttgttcttt	60
ttgcagggat	cccacgatt	ogaattcggc	acgaggaatc	accctcggct	gggaagtcag	120
ttcgnnctct	cctctctct	cttnttgntn	gaacatgggtg	cggactaaag	cagacagtgt	180
tccaggcact	taagaaaag	tggtggctgc	tcnagcccc	agaaagggtgc	ttggttcttc	240
cacctctgcc	actaattcna	catcagtttc	atcgaggaaa	gctgaaaata	aatatgcnng	300
aggaaccccg	tttgctgctg	cccaactccc	aagtggcaaa	aaggaattgg	agaattcttt	360
agggtgtccc	ctaaagattc	tgaaaaagag	aatcatattc	ctgaanaggc	acgangcagn	420
ggcttaagaa	aancaaagag	aaaagcatgt	cctttgcaac	ctgatcacac	aaatgatgaa	480
aaagaatata	actttctcat	tcatntntgn	ataacgnctc	cttgtttacc	ctgggtattct	540
agaatgtaaa	tttacataaa	tgtgtttgtt	ccaattagct	ttgttgaaca	agcatttaat	600
tnaaaaantt	acgttttaaa	ttagatgttc	aaaaggagnt	gngaaatttg	agaatnngta	660
agactaatta	tggnaaactta	gcttagtatt	caatataatg	cattgggtggg	gtttctttta	720
cccaaattaa	ggggtctagt	tctttgttaa	aatcaagnca	tttgcatctg	tggttctaaa	780
tacaagtatt	gttgcntttg	agaattgctt	a			811

<210> 3398

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3398

nnnnnnntn	tgaaancctt	nggetacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacagag	attctctcaa	taatggccag	ccgaaaagta	cgcgctgcc	ggcatctgcc	120
tccgcgaggt	cattaaactc	ccacagtgg	cacccactg	ctgatgtaca	gactttccag	180
gcaaagcgcc	atattcatca	acaccgtcag	tcttactgta	attataacac	tggagggtcag	240
ttagaggggca	atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	300
cagtttgtga	cacctccg	gatgaggaga	cagttctcag	cacccaatct	caaagctggt	360

cgagaaaccc	agtataaatc	agttctggac	aaacttgaaa	tcatgggtgga	agaaacagac	420
agtgttagct	catgatttga	tttgggttcta	cctttggcct	tgagttctta	ttattttacat	480
tataaatatt	aactgggtttt	atattgntaa	gacaaaacac	tggtaaaaagt	ttcaacacct	540
cccttttgct	tgtataccat	aaatgggcag	nttctgaaat	tttggataaa	gcatcaagaa	600
ctcctttttc	tgaacggttc	ctnctttttt	agtgccta	taataatactt	acttaccctng	660
gannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	aaaaactcgg	ccttttaaaat	720
ataggggggn	gnnttacnna	aatccaann				749

<210> 3399

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 3399

canctcttgt	ctttttgagg	accctcggtc	gaattcggcc	gagtaagaat	cccccccca	60
tcaattttca	ggaatgggat	ggtctagtaa	ggataacctt	tgtaggaaa	aacaagacac	120
tctctgctgc	atttaaatca	agtgcagtc	aacaactctt	ggaaaaaac	tacagaattc	180
actgttcagt	ccataatatt	ataataccag	aagatttcag	catagcagat	aaaatacagc	240
aaatcctaac	cagcacaggt	tttagtgaca	acgggcccgt	tccatggaca	tagatgactt	300
catcagattg	ctacatggat	tcaacgcaga	aggatttc	ttttcctagg	tatttggaaa	360
acagaaattt	tcaagggtcaa	gaaaagaaat	gaattttgta	ttttttgtat	ttgagaagat	420
aatgcctttg	ctttactgag	acattattta	cttgactatt	tttgggtcaat	actactactg	480
ntgncaccat	ttatgattct	gaattttaaag	gtggaaaggt	ctaagtatca	aagggttttaa	540
tatataatgc	tggnccaatc	tattcataat	aatcttcaag	gtcaggagcc	cgcagagacn	600
cncaactttc	cacttatcat	ttctaacagt	ttattgnata	aaggatggta	cctcttttcta	660
ttttaccngg	naatatacct	ggaaagggcc	ttcttttang	gnccttttaa	cctctggggtt	720
ccctcccggt	naattaaaaa	aaggttttaa	attnttgaaa	aaaaaaaaaa	aaaaaaaaaa	780
cctcgggggg	ccttttaaaa	actttttggg				810

<210> 3400

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3400

gnnttnannc	enttttnatn	cnentncage	tcttgttctt	tntgcaggat	ccctcgattc	60
ganttcggca	cgagggtgagg	ctctcttaan	aaatttataa	atactgnnga	acaaagggag	120
gagtttgtct	taatctggag	tgagggaaac	ttctgngtca	ccnaacacag	aaaccatcaa	180
agaaaatctt	tacttttcna	aattagtcta	tacaaaaaaa	aangaaaatc	ttaccccaaa	240
tnanagactg	aggcatgagc	ttcaatcaat	cgangtttac	tggccnnagt	tngagcntgc	300
ccagnaaagc	aacacaagtc	aaagaaacgt	ctgtggcctg	tgctctccca	aaaagttttc	360
aggaggctca	anatttgtac	atttctttta	anggganaag	acagtgaggc	anatggttat	420
gtttttgtga	gactcttant	tagtgtcccn	tgaatctaaa	ctntntggaa	natagggtga	480
acactgnaag	ancagggagt	gacataanaa	ccaattatgc	nacacgtctc	atgttacgtg	540
gaggaatgan	gntctcatct	tatccttggt	ctgcccctgn	gcagataaac	ttgttattga	600
cattgtcagt	ntgaaattta	acagactttt	gttttangag	ttaagtttan	ggtgcacacc	660

taanatgcac ttggcatgtn ctttgtttnt tggaggatat ncatnctgaa ggttttagggg	720
ctgccaaana atttactgct gaccanttgg gattgcagtc cctggagatt catgaggctt	780

<210> 3401

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3401

gnnttnannc cnttttnatn cncntncagc tcttgttctt tntgcaggat ccctcgattc	60
ganttcggca cgaggtgagg ctctcttaan aaatttataa atactgnnga acaaagggag	120
gagtttgtct taatctggag tggaggaaac ttctgngtca ccnaacacag aaaccatcaa	180
agaaaatctt tcactttcna aattagtcta tacaaaaaaa aangaaaatc ttaccccaaa	240
tnanagactg aggcatgagc ttcaatcaat cgangtttac tggccnagc tngagcgtgc	300
ccagnaaagc aacacaagtc aaagaaacgt ctgtggcctg tgctctccca aaaagttttc	360
aggaggtcga anatttgtac atttctttta anggganaag acagtggaggc anattgttat	420
gtttttgtga gactcttant tagtgtcccn tgaatctaaa ctntntggaa nataggggtga	480
acactgnaag ancagggagt gacataanaa ccaattatgc nacacgtctc atgttacgtg	540
gaggaatgan gntctcatct tatecttggt ctgcccctgn gcagataaac ttgttattga	600
cattgtcagt ntgaaattta acagactttt gttttangag ttaagtttan ggtgcacacc	660
taanatgcac ttggcatgtn ctttgtttnt tggaggatat ncatnctgaa ggttttagggg	720
ctgccaaana atttactgct gaccanttgg gattgcagtc cctggagatt catgaggctt	780

<210> 3402

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3402

gnnttnnnnc nnttttaatn tacatacanc tacttgttct ttttgcaggg atcccatcga	60
ttcgaattcg gcacgaggga acccccacca ttaagctaaa gtaaaaccct tttgagggaa	120
gagggagact ggggagaagg gaaaagagag aaggcaggga gagtagggag agaaaacctt	180
ccagcagccc agtaaaactgc gggcgaagag atctaccgt ctccctccct cccacagtta	240
ccattggcct tgtcatcgca agcatttgac aaagacttgc ttgtttgggc ctgtcacctc	300
ctgaaaggct gcttttagctg tggatgccct tgattaaggg agagagcgcc taggagctgc	360
ctgccccanc tggggtgacg gctgtagggc tgggtctatg ttgcaagccc tatatcctan	420
catgcagtgg aaagtgttta gctctctccc tctgacctc tgggcagcca gtcacaaag	480
cagagagacg tggcggtcatg tgggcagcat gcccggttc cttgctgact cagcacttat	540
ttctgtagtt ttaaaaaaga atttaatgtt tttggttgta tttttttggg ggggtgaggg	600
tgggcaaaaa catgggggta gttctgagtt gttagaaatg tttctgaatc aagtttgttt	660
gaaaacacgt tgtgcctttg tacccattat aagatggtca taanacccaa gaactgataa	720
gctttggggt ttttttggtt tggtttggtt ttttgcttca ttttaccat tcatgcctag	780
ggtttccat	789

<210> 3403

<211> 778

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3403

gntttaannnc	nnttttaata	tncatncanc	tacttggttct	ttttgcagga	cccatcgatt	60
cgaattcggc	acgaggggaac	ccccaccatt	aagctaaagt	aaaacccttt	tgaggggaaga	120
gggagactgg	ggagaaggga	aaagagagaa	ggcagggaga	gtagggagag	aaaaccttcc	180
agcagcccag	taaactgcgg	gcgaagagat	ctaccctct	ccctccctcc	cacagttacc	240
attggccttg	tcatcgcaag	catttgacaa	agacttgctt	gcttgggcct	gtcacctcct	300
gaaaggctgc	tttagctgtg	gatgcccttg	attaagggag	agagcgccta	ggagctgcct	360
gccccagctg	gggtgacggc	tgtagggctg	ggtctatgtt	gcaagcccta	tatcctagca	420
tgcagtggaa	agtgccttagc	tctctccctc	ctgacctctg	ggcagccagt	catcaaagca	480
gagagacgtg	gcggcatgtg	ggcagcatgc	ccaggttcct	tgctgactca	gcacttattt	540
ctgtagtttt	aaaaaagaat	ttaatgtttt	tggttgatt	tttttggggg	ggtaggggtg	600
ggcaaaaaaca	tgggggtagt	tctgagtttg	ttagaaatgt	ttctgaatca	agtttgtttg	660
aaacacgtgt	gcctttgtac	ccattataag	atggtcataa	gacccaagac	tgataagctt	720
tggttttttt	tgtttggttt	ggttttgctt	catttaccca	ttcatgccta	gggttcen	778

<210> 3404
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3404

caacgctggc	tacttggttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgaggctg	60
agcgagtgtc	tcaagcgcac	cggggacgaa	ctggacagta	acatggagct	gcagaggatg	120
attgccgccg	tggacacaga	ctccccccga	gaggtctttt	tccgagtggc	agctgacatg	180
ttttctgacg	gcaacttcaa	ctggggccgg	gttgctcgccc	ttttctactt	tgccagcaaa	240
ctggtgctca	aggccctgtg	caccaagggtg	ccggaactga	tcagaaccat	catgggctgg	300
acattggact	tcctccggga	gcggctgttg	ggctggatcc	aagaccaggg	tggttggggac	360
ggcctcctct	cctacttttg	gacgcccacg	tggcagaccg	tgaccatctt	tgtggcgggga	420
gtgctcaccg	cctcactcac	catctggaag	aagatgggct	gaggccccc	gctgccttgg	480
actgtgtttt	tcctccataa	attatggcat	ttttctggga	ggggtgggga	ttgggggaca	540
tgggcatttt	tcttactttt	gtaattattg	gggggtgtgg	ggaagagtgg	tcttgagggg	600
gtaataaacc	ttcttcggga	cacaaaaanaa	aaaaaaaaaaa	aactcgagcc	tntagaacta	660
tagtgagtcc	gtattacgta	gatccagaca	ttgataaaga	tacattgatg	agtttggaca	720
aaccacaact	tgaatgcant	ngaaaaaaat	gctttaattt	gggaaatttg	gngaagcnn	779

<210> 3405
 <211> 803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(803)

<223> n = A,T,C or G

<400> 3405

nnnnnnnnntt	taaatnccat	tnntttctnn	nnnttttnat	ntanatacan	ctacttggtc	60
tttttgccagg	atcccatcg	ttcgaattcg	gcagaagatt	aaaccgggtt	ctgtgggcac	120
ctctgtcctt	gctgctggg	gggaagggaa	gccagatcca	gcacccctg	gggggccatc	180
gggagtgtgg	ctgggggtga	agggggctct	gtggcaatat	ggggttgggt	agtgtgggtg	240
gcaggccatc	ccctctaata	ttggaacctc	tgaatatggg	acctcccaca	gcaaaggggtg	300
actttgtcat	taanaaagac	tgggggtggg	gtgggtggctc	acgcctgtaa	ccccagcact	360
ttgggaggcc	aaggtgggca	gatcacgagg	tcaagagatc	ganaccatcc	tgncgaacat	420
gggtgaaacc	catctctact	aaaaatacaa	aaaattagcc	gggtgtgggtg	gtgggcacct	480
gtcgtnccac	tctaaggagg	ctgangcagc	anaatgggtg	gaacccatga	ggcacanctt	540
gcantgagcg	aanatcgac	cactgnacgc	actncaacct	gggtgacaga	gcgagactcc	600
gtctcaaaaa	aaaaaaaaatt	tcaagactgg	agaggtnatc	ctgaattgtc	cagctacncc	660
ccatgtnatc	acagggcctt	catgacaggg	ncagagccac	canccttgaa	ganncngtcc	720
tncccccnaa	cangcagnct	gganaaactt	ggncangaca	agtaggacat	tcctggagcc	780
tccanaangg	actgggcttt	tnc				803

<210> 3406

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3406

caangctggc	tatcggttct	tttgcaggat	cccatcgatt	cgaattcggc	acgagcctga	60
ggtcacatgt	ggattttggc	agagccttca	ggagggtggag	gccgggtgagg	tcaggagccc	120
agctctccag	ggggcttctg	ccctgactgg	gaagggtgcc	tggctcccta	aaacaatgtc	180
aaagccagtc	ctgctgttct	ctgttgccag	ggggcaggtc	tgggcctggg	ccaaccacgt	240
ttgttatcat	ggctgctgcc	ttctggacag	ctgccagctc	tgccttgaga	ggttgtggga	300
cctctggatc	cagctgacct	gacaggctcat	ctactcaggg	aggagccctg	tgctcccagc	360
tcagaggaca	gtctgggcca	gaactggaag	gagacatctg	tcccgtcttt	gagtgacaag	420
cccgggacaa	cagccagtgg	gcatcacggc	tctccagcac	tccttagccg	gaggatacac	480
agtgatgggt	gcatcctgac	caatgcgaca	accaacacgt	gctctcacia	accctgact	540
ccgcacttt	ccagtgccaa	agtcaaagc	tgcttgata	aggagagcaa	agcttctgga	600
actttattta	ctctntcttt	ttaattntct	tttaagagac	tgggtcttgc	tatgttgccc	660
aggctgggtc	tgaactcctg	gcctcaagt	atcctccagt	ttccatctcc	ctaagactgg	720
gattacaggt	gtgagcccgc	tgtaccgcga	ctttttttgg	tttttgcttc	ncg	773

<210> 3407

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 3407

gnnnnnnnnt	ttatttacat	tcagntatng	nnnttttgnt	ntaaatacan	ctcttggtct	60
ttttgcaggg	acccatcgat	tcgaattcgg	cacgagggtc	ctccctgagt	gtcgaggagg	120

```

acatgagtga aatgaccagc gaactcattt tttataggac tcggtgaagc cggattctgc 180
atttccctac ttgtagactc attttgtgga atagagttga tcgctgtctc ctccgcaaag 240
cattttaact cgaataagca aatgccgcct ctgtttgaac gttttggtat ttacaagaga 300
gaatcatttt acctaagaga actaattgaa ttggcagcat ccttgaaata cctccggaca 360
aggatctggg ggtgggggtg gaaaagcaac tgcgaaatag cagacggaga aattcctttg 420
gaagttattc cgtagcataa gagctgaaac ttcagagcaa gttttcattg ggcaaatgg 480
gggaacaacc tatcttcagc actcgagctc atgtcttcca aattgacca aacacaaaga 540
agaactgggt acccaccagc aagcatgcag ttactgtgtc ttatttctat gacagcaca 600
gaaatgtgta taggataatc agtttagatg gctcaaaggc aataataaat agtaccatca 660
ccccaacat gacatttact aaaacatctc anaagttttg gccagtgggc tgatagcccg 720
ggcnaacacc cgtttatgga ttgggattct tctctgagca tcattcttcg aaanttgag 780
aaaagtttca gggaatttaa agaagctg 808

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<210> 3408

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (803)

<223> n = A,T,C or G

<400> 3408

```

tnnnnnnttta tttcnttcgt tctngntttt attacatcag ctcttttctt tttgcggtcc 60
ctcgttcgca attcagagac acacataaga aactggaaga agagaaaggc aaaaaggaaa 120
aagaaagaca ggaaattgag aaagaacgga gagaaagaga gaggagcgt gaaagggaac 180
gagaaaggcg agaacgggaa cgagaaaggg aaagagaacg tgaacgagaa aaggagaaag 240
aacgggagcg ggaacgagaa cgggataggg accgtgaccg gacaaaagaa gagaccgaga 300
tcgggatcga gagagagatc gtgaccggga tagagaaagg agctcagatc gtaataagga 360
tcgcagtcga tcaagagaaa aaagcagaga tcgtgaaagg gaacgagagc gggaaagaga 420
gagagagaga gaaccgagag cgagaacgag aacgggagcc gagagagaga gcgagagagg 480
gaaccgggag cgagaaagag aaaaagacaa aaaacgggac ccgagaagaa gatgaagaag 540
atgcatacga accgaaaaaa aaaaaaaaaa aactcgagcc tnttaactat agtgagtcgt 600
attacgtaga tccagacatg ataagataca ttgntgagtt tggacaacce ccacttgaat 660
gcagtgaaaa aaatgctttn tttgtgaaat tttgngatgc tnttgctttt tttgtaacca 720
tttttagctt gcaataaaca agtttnccac caaccanttg cnttcatttt nttntttcan 780
gttcaagggg aagtttttgg aag 808

```

<210> 3409

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (823)

<223> n = A,T,C or G

<400> 3409

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tttatataca tcagttcttg cnttttngnt ngactanagc tcttgncttt atgcaggacc 60
ctcgattcga nttctgnncg agtctctctn tctctctctg tgtctctcgg aactgggtcc 120
ctgggctgac cggagccggg agaacaacct ggccctcaggg agagagacgc taccgggctt 180
acgccacccc ctctnctcaa cacaagccca aactgctacc cgcgaggtgc aagtaagcgg 240
cacctcagaa gtgtctgcgg gccctgaccg ggcgaggtg gtggtgcagt gagcagcacc 300
aaggaggcgg cagccgagcc aaaaagagcg tttgtcgccg tctagattac atcacgcaga 360

```

```

gcctccagca ncagggcggtg cangcagaaa atataactgt gacaaaggat tttaggagag 420
tggaataatgc ttatcacatg gaagcagagg tctgcattac atttacttga atttggaaaa 480
atgcaaaaata tttgtaactt tntttgttga aaagctaaga tagctnttgt tgtcatcagc 540
ccacccccagt tcttatcata ctccagggtt ctggttgana atcttcgacg gcaagcctgt 600
cttggttgctg ttgagaatgc gttggcgcaa actcaaagaa gtcttgtnaa ccttggttggg 660
ccaaacctta ngaaaacctt ttacttaatt cnaaggaaga agnaaacaca aggaattggg 720
gaagggccaa atagatgatt naccnagttc nttccagact tcttcaagtt caattaactt 780
gtncnaccaa aaaaatcaaa agtggcaacn aatncattgc ttn 823

```

<210> 3410

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 3410

```

catncngttt cnagcctttt tganatacat tcagctactt gttctttttg caggatccca 60
tcgattcgat ttgactaaat cattgtttca caactgaata gtcttggtct tttagtagca 120
atgaaatcct aagctcttga ggccattcac ctgccaacct gaccatactg ctttcaaaag 180
tcttttctca tcagtagaat ctattttggg cacttctagt caatgaaaaa tgtaaacttt 240
taggagagaa tgtttcctag gactcaccca ctccattcaa tgttacatta aaatagtgtg 300
atcaatcaca atgtccatct ttagacagtt ggttaaataa attatctggt ctttgaaaag 360
accgtgctgg gcgcggtggc tcttgccctg aatcccagca ctttgggagg ctgaggcggg 420
cagatcacct gagatcgga gtttgagacc aagcctgacc aatatggaga aaccctgtct 480
ctactaagaa tacaaaatta gctgggcatg gtggtgcatg cctgtaatcc cactacttgg 540
gaggccgagg caggagaatt gcttgaaccc gggaggcana ggttgcatg aggtgagata 600
gcgccattgc actccaacct gggcaacaag agcaaaaactc tgtctcaaaa aaaaaaaaaa 660
aaaaaaaaaac tcgagcctnt aaaactatag tgaggcgtat taccgtagaa tccagacatg 720
ataagataca ttgatgaagt ttggacaaac cccacacctng gaatgcngng naaaaaatgc 780
tttatttgtg naaat 795

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<210> 3411

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3411

```

gnnnnnnnntt taaantccat acagtttcaa gnccnttttg aaatncattc agctacttgn 60
tcttttttgca ggatcccatc gattcgaatt cggcacgaga gtccacatta aaaagaaaaa 120
aaaacaaacc ctaactaact tccaaatggg tctcctgggt cggggggtgt agtggccgtg 180
ccctgggtgt gctgcctgtc tgagcaagct tccttagctg tggaaccccg ggccccctgc 240
tgccgggtct gcttgggtgt catgcctgct gcacccccgt ttccactgac gtgccgtctg 300
tggtctatggg gtggtcactg gaatgacggt cactccagac gtcagccggc agggatgcan 360
caggctggcc gcgcaccggg gctcgggcac cctctggccc cacactggca atgatgccac 420
accttgccat gtccacgctg ttggtcaaac ccctctgtca tgcctcttta aagagaaaag 480
aagagaaaaga tttttttttt taatggcana ccgaaatgga gatctttag cctanatagg 540
atagtctgac cttctanct agtctttttg gcaaatgatt tgtgttttca gtgtgtgggg 600

```

```

aanctgtcct gggggctggg ggcacagata gcacataagc tgtttntggg gctgcanggg 660
ctnctgact ggatgttggt ggtgttgccn gcttnagaat gtggcnacaa aaagcgtana 720
ccggggccag gtntgccgccc tgagctggct cccnaagntg ggttgntcan cgttatatt 778

```

```

<210> 3412
<211> 869
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1) ... (869)
<223> n = A,T,C or G

```

```

<400> 3412
atttcaaaaa ctcttgcctt nttaaanacc tnncgntact cgatcntnca cgaggaanga 60
ggacctaggc acacacatat ggtggccaca cccaggaggg tagtgngag ttagatttna 120
gagtccaggc cctagggttg gacccactcc aaataatctc ctcggtgtgg gtggtggttn 180
tatanangga taaatgaata ataaacattn ntaaaatata cgctattcct tgntggaaat 240
gcctgctgca cccccgttcc cantgaentn ccgaangngg ntatnnggtg gtcantggaa 300
tnacagtcaa tccanangtn anccngcngg gntgcatcaa gctgncctcg cacctgggnt 360
nnncaccctc tggcccacac tggtnatgat gccacacctt nccatgttca cnetgttttg 420
aaaaanncct tttnttttcc tcttttaaag agaaaacatt ganaaagatt ttttttttta 480
atggggccgac ccnaaaaggg agatctnccc ncccttgtat atnatantnn tgacctncc 540
tacnaagang gcgttttttg caaaatnatt ntntntttt tcnegnggtg gtgggggaaa 600
aatttttcct ggggggggcc ttngnngccn aactnttaat tttcccat aaggcaannt 660
ttctttgggg gnctttcccc nggggcttaa ncnttaaact ttggaatttt tntnggggtt 720
ggttngnccn taaattttta nnaaatggt ngtcnaaccc aaaaaaaaaat ntnacccccg 780
ggggccnaan anttttttnc ccccttggga ngccttttan tttccccac aaactttttt 840
tttttcctt ccaaccnctt ttattcttt 869

```

```

<210> 3413
<211> 807
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (807)
<223> n = A,T,C or G

```

```

<400> 3413
nttttattta catanagntc ttgccttttt nnanganata canctacttg ttctttntgc 60
aggancccat cgattcgaat tcggcacgag gccacnanca ggtgggggcc aggacgcenn 120
ggnnctgacc gcctccacta gagggnggtg gccgcgggcc gacctggacc ttnannccnt 180
gtcngacct nccggtgggt ggggtgcgcn gggagcngc nacattcctt nttcttganc 240
agccaaanat tggagtnca ttcnncnang nacntttnt tttttngat cangagtgtg 300
tncaacgtac ncccctgcct nngnaagccc tgantccntn atggagcctc nnagagtggg 360
gagcatattg ggggtgggta atgcactnca nccaagnnga atgnacacaa nggntcgtc 420
naangnnntg nggncnccct nacccttac caccatgtgn ngntngnctc tgtggttgaa 480
catcnactn gtncgcaaan gganactnac tntaaaacc tttgnacnan ggtgcnaaac 540
cacagntgtg ncctgncnca nctanccatc naaagaatna caaaaccnctn tnaggggcn 600
ngggcnancn ntcccccttg tcnegncctg tnttggantg gcctttcggc ttaaacagtg 660
aggetcanaa nggncncaac ctgggggtgnt aataaaaaga acnaattaag anactnttcc 720
ctecnacccc cctttccttg tngccagggg gcancaaact ngattnttga agcccaanat 780
aaaaaaaaag cttnatatcn nggaaaa 807

```

<210> 3414
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 3414

tntcnttcaa	atngcttggc	tctcgttcct	tctgcaggat	ccctcgattc	ggaaatatag	60
agagatgtgg	gatttgaatg	cccatgaaag	acattttatt	ttacttgaat	atattccttg	120
ttcactttac	cctccataat	atgttgtaca	ttagtgtctga	tcaagtttac	agagttacat	180
tttgctttcc	taaccattca	gtcaggaatt	aaaatatggc	attgtataac	aactgggaag	240
aagctcatag	tggatataaa	ttagagtaga	taatgggtca	ccttgatagc	ctctgtttac	300
attacttgta	tatgggcaaa	ataattatta	cctatacgtg	tatttaagct	taattttcat	360
ataaacagta	tttttaaatct	atgttaaaat	agataatatc	taaaagtgtg	atctctaggt	420
agtccttagt	ttattagtac	tgtacttcaa	aaagattttt	aaatagggtcc	ggcacggngg	480
ctcatgcctg	taatcccagc	actttgggag	gctgaggcgg	gctgaatcac	ctgaggtcag	540
gagttcgaga	tcagcctgnc	caacatgggtg	aaaccctgtc	tcaactaana	atataaaaaat	600
tagcccgggc	cgtggtggca	ggcgccgtga	atcccagcta	ctcgggaggc	tgangcagga	660
gaatcacttg	aacccaaggg	gcagaanctg	canttaagcc	aagatcgcat	cattgn	716

<210> 3415
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 3415

tttttaana	aancaggntt	cctaatnctt	gttntnnnga	nacaggctac	ttgttctttt	60
tgcaggatcc	catcgattcg	aattcggcac	gagattctct	caataatggc	cagccgaaaa	120
gtacgcgctg	ccaggcatct	gcctccgcgg	agtcattaaa	ctcccacagt	ggtcacccca	180
ctgctgatgt	acagactttc	caggcaaagc	gccatattca	tcaacaccgt	cagtcttact	240
gtaattataa	cactggagggt	cagtttagagg	gcaatgcagc	cacttcctat	cagaagcaga	300
ctgacaaaacc	cagccactgt	agccagtttg	tgacacctcc	gcggatgagg	agacagttct	360
cagcacccaa	tctcaaagct	ggtcgagaaa	ccacagtnta	aatcagttac	tggacaaact	420
tgaaatcatg	gtggaagaaa	cagacagtgt	tagctcatga	tttgatttgg	ttctaccttt	480
ggccttgagt	tcttattatt	tacattataa	atattaactg	gttttatatt	gttaagacaa	540
aacactggta	aaagtttcaa	cacctccctt	ttgcttgtat	accataaatg	ggcagtttct	600
gaaattttgg	ataaagcatc	aagaactcct	ttttctgaaa	cgttcctcct	tttttagtgc	660
ctaattaata	tacttactta	cacggaannn	annnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnaaaac	tcgnnccttt	aaaactatag	ggngtcgttt	acctaaatcc	aann	774

<210> 3416
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3416

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gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgtcgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactgggtg	360
cccatattga	tgtggataaa	canaaaagata	agaatggcga	gagaatgatc	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgcactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgtctcaact	cttgttnactt	cacangcaac	aaccgttatc	tacgttccca	660
ncccgcataat	aaacttaata	agaatgtttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3417

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 3417

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aattcggcac	gagcctgttt	ccaggagata	tgtgtgncca	tcagcagtga	taaaantcct	120
gggcaggagt	tattgcactg	tttgtatgat	cnanaccac	ctnctctgct	ggaaacaagc	180
agcgtgantt	gntcacttgc	ctttcnnagn	cnctattggc	cagntgcttg	nangngaacg	240
gatccacaga	acctcacagc	tatttatgat	ancatctgct	nnattatntc	aagttcancn	300
tgtntnnacn	tgtctgntna	ggtaannngn	gttntnntca	agntntttgc	aangngatga	360
caaactaatg	tttgaatnng	tcatgataan	ggggcntctn	atactctgga	ncatcnccaa	420
nctgantnng	aagagctgcc	ngnntatctg	ntagtgncc	gctncttgaa	attnccaaac	480
anntgcctng	ntggaaattc	atnatggctg	gatgtttang	ngnacatttt	ncaantnctt	540
antnnncang	atgatggaat	tcnnncnatc	naacatnctn	tncgctngnt	anacttnnna	600
ttnactnann	gnctntnntg	cnatnatnng	ncnctctgtg	atcatccatc	atnatctang	660
cntcaagtnn	ctaacctngn	ttngaagttg	tngcaccann	ttnt		704

<210> 3418

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 3418

tntncttnaa	atcatngctc	ttgttctttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gagaggggtg	ggtctggcca	cataggtacc	tctgtggctc	tggtctgggg	ttagacactg	120
ttagggacta	gcattttattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
attttagggg	ctgtttttatg	aagccaacaa	gtgaatgtaa	aataggctct	gcactctttc	240

tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	anaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaataa	acagtgtctg	atgtgttatg	480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	540
tgtgaaatct	taatttttgac	atatggaagg	gtacccaaaa	taagaaccat	cctttttgct	600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aaanattnnc	660
ttttnnngctt	naaantanaa	aaanctngnn	cctttttaaac	tttngngg		708

<210> 3419

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 3419

tntncttnaa	atcatngctc	ttgttctttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gagaggggtg	ggtctggcca	cataggtacc	tctgtggctc	tggtctgggg	ttagacactg	120
ttagggacta	gcatattattg	gacttgtaaa	gacagcacct	cagaattagt	aactacttgc	180
atttttaggg	ctgtttttatg	aagccaacaa	gtgaatgtaa	aataggtctc	gcactctttc	240
tgagagccct	gtcactgggc	agtgagcatt	tccaaaattg	cagctctgtc	anaatgaacc	300
atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ggaacttttt	gtaaatgaaa	aagttcacaa	tttggaataa	acagtgtctg	atgtgttatg	480
gaaattgtta	tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	540
tgtgaaatct	taatttttgac	atatggaagg	gtacccaaaa	taagaaccat	cctttttgct	600
tgaantgcac	ggtggtacca	atttctaaaa	tangaaacat	tangcaaaaa	aaanattnnc	660
ttttnnngctt	naaantanaa	aaanctngnn	cctttttaaac	tttngngg		708

<210> 3420

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 3420

tntcattcaa	gtncctaangc	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
gactgctcct	tcattcccaa	gaagaaaaga	caagtactgc	tacttccaaa	actcagacac	120
gacttgaagg	tgaagtgact	cctaattcct	tgtcaaccag	ctacaagaca	gtgtcattgc	180
cattaagctc	tccaaacata	aagctgaatc	tcactagccc	taaaaggggt	cagaaaagag	240
aagaanggtg	gaaagaagtt	gtacgaaggt	caaagaaatt	gtctgttcca	gcctcagtgg	300
tgtcgaggat	aatgggaaga	ggaggatgca	acatcactgc	aatacaggat	gttactgggtg	360
cccatattga	tgtggataaa	canaaaagata	agaatggcga	gagaatgatc	acaataaggg	420
gtggcacaga	atcaacanga	tatgcagctc	aactaatcaa	tgcactcatt	caagatcctg	480
ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taacttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgtctccaact	cttgttnactt	cacangcaac	aaccgttatc	tacgttccca	660
ncccgcta	aaacttaata	agaatgttct	tagaataaaaa	atntnaaaan	ctcgact	717

<210> 3421
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3421

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ggcacgagag	aggggtgggt	ctggccacat	aggtagctnt	gtggctctgg	tctgggggtta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttttatgaan	ccaacaagt	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcng	ctctgtcaca	300
atgaaccatg	aatacttaag	aaagggaaa	taggaacang	gagcatagcn	aagcataact	360
tgctgtgttc	canggattta	aaaataaatt	actgtcnaga	gcaatataag	ggatcatgggt	420
ttgatcagga	actttttgta	aatgaaaaag	ttcacaactt	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattattc	cactgaaact	caagtatnta	anacaacaat	540
atatcgctgt	gaaatnttaa	ttttgacata	tggaaaangtn	accnaaaaat	tttgaaccca	600
taccttnttg	gcttnaaatt	gcanggtggg	taccnatttt	nttaaaaaatn	annanacctt	660
tnnnnccaaa	aatnacttna	tnctacaaaa	aattttccnc	ggnccatggt	taanaacctt	720
gnncnccttt	ttnaaacctt	tac				743

<210> 3422
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (738)
 <223> n = A,T,C or G

<400> 3422

tcntcgtttn	natncttgga	aatttgnana	tngctaggct	actngntcct	tttgcaggna	60
tcccatcgat	tcgaattcgg	cacgagcctt	ccacgggttat	ttcacagata	tggagagctg	120
gaagcagggg	gtgagtctct	gagtgttgga	attgtaaggg	atcagaagca	gggatcagaa	180
gcagtgggtg	agttcatcca	ccataaaaaca	cacaggtgac	tttgccttga	atctgcagga	240
ctgaagccaa	ctcttgggca	cagaccctta	gtcccttcct	tggccactct	aagtcagata	300
gtccagagcc	aggccctttg	ggatgtgaca	ccgagataaa	tcataaaaaa	gctgtgaagc	360
ttggggaaca	gagggaactt	tggatgaagta	ggtggtctgc	agtttctatc	ttcttgggaa	420
aagcaagctg	gaaaagtga	cagtgggttg	taggccatag	tgctcccagc	tgggtgacat	480
aatgaccaca	cagcacagt	atgttattag	caactgtgtg	gnngantant	tgtgggctgg	540
acaaatcaat	cgtgtggaaa	ttgttaggag	tnntattaca	ttaaacttgt	taacctaaaa	600
taccatnnaa	aaatanaatc	ngnnntaaaa	cnancntata	nggatgtnan	aanaactcga	660
gcttctaaaa	ctntagnnga	gcctttgtta	cgatanatccn	ngacatgnnt	aagatacatt	720
ggtnagtttt	ggacaant					738

<210> 3423
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 3423

ctnntttntt	ttngaancct	tngetcttgt	tctttttgcg	gatcccatcg	attcgtgaag	60
aggagacggt	gacctgggct	ccttatgtgc	ctgaaagagt	ttgagtttcc	tgtaaactcc	120
aatcaacag	tattttcaac	aagaaatgtg	caattgaaat	caagtgctgt	taaagtgcag	180
ctaggatttc	cacaggaaga	cacttgacgt	gaacagagtt	atggagcagc	aaaaacacag	240
atctatttgg	aaaaagagaa	aacatatgcg	ttgtattttg	cttcaattat	aaaataccat	300
cctctcaaag	gtggttctaa	attacaaagg	actttgattt	ctaggtagat	tctgggtaga	360
gacttccttt	catattgagg	cattaatgac	accttttaac	ctgggaagca	atatgactgg	420
agttgtactt	tgagaagatt	aatcagggtt	ggttgcagaa	tgaaagagaa	gatgaagtca	480
agagattggg	ttagaggctc	tagcagaagc	ttagtcatat	ttcaaaatga	tcaaatatca	540
agaaaaattc	tgagctgcat	aacttgtata	aagtaatttt	cagtgatttt	ttcatgggta	600
tgatnaaaga	actggattta	nccagaaacc	tttacctgga	ttcaagattt	aatttttccct	660
ttgagcctca	tccttaaagg	attttcggga	aaacattaag	gggagccaaa	nccnattggg	720
tggttgggcn	tgccctnnaa	ttgcctttgg	acttttttaa	ccgggctttt	gnnn	774

<210> 3424
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (796)
 <223> n = A,T,C or G

<400> 3424

gccnccccnn	tttngntctc	aacttgtacc	ctttttgcan	nanncnngnc	tncttgcagg	60
ntcccatcga	ttcgaattcg	ccacgangtt	atattaaatt	attctttggt	tttctttttc	120
ttttaataaa	gcctgcaagt	tactaaattg	tagtttcata	aattctgtag	taaagtatca	180
tcttggcagt	gtgccaaagg	tgaaaatgat	gctttctcta	acagagaaat	tcttagtgac	240
tccagtcgta	gaaaaacgtc	tttacaacct	gaataagatt	gaagaattgt	gaacatacca	300
tggectattg	gatgaatcat	ttgccgtagg	ctaaatcaga	ctgtaggggt	tgtgatggat	360
ttatggagta	tgtgggtata	gaaatcatga	atctagcatt	tgttttcaga	gattcaagca	420
tagtcttaag	ggtanatcag	aaatgacaaa	tgaattcaaa	acctagcagg	tgcattgtna	480
atgtgtgccc	agttntgttt	tggaaatggc	agttccttgg	ggtcattgtt	ctactggcaa	540
aatttgcaat	antgtntctat	tgtntgtaat	ttcaaaaatt	ataagattat	cccccggtcg	600
cccaagtaaa	acctgtntctg	cccaatanaa	tcctggantc	gnngagaaat	cgntccatt	660
cgngngntcaa	ctcgggatnc	ntcgncttaa	naaaatnttn	tcnnggancc	ccntcatnan	720
gaanaacacc	anactattnn	gggnacctgn	aangctcaat	ngcccnngcc	ncnnangncn	780
nttttccngg	naannn					796

<210> 3425
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (736)
 <223> n = A,T,C or G

<400> 3425

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ctacttggtc tntntgcagg atcccatcga ttcgaattcg gcacgangtc actctgtcac      60
ccaggctgga gtgcagtggt gtgatcatag ctactgcag cctctacctc ctgacacaag      120
ctgtcatccc gcttttggtt ctcaaagtgc taggattata ggcgtgagcc accatgcccg      180
accagtttct gcttttatta aaattgttca cagttttata cattcatggt cattaataat      240
gctattttaga aaagagtttg ataaaataaa tattatacaa aattcgaaga aaaaagaaaa      300
gagtttctgt ttcagtcaca aattaggggt attgtgatgt gtatttatga tgaccattga      360
acaaatgtga agaatactgn gaattctatg actttatcaa aatcagccac atcncaggag      420
cttgagttg ttgaccaa atgatgatgac atagagtagn tcagatctat catgtgctct      480
tctatcta atcagccaata tttccttggn cctcaagcca acattcattt tttatgtata      540
acccttcttc atgattntna aatnttgata gggtaaactg ctaatgagtt tcacaaatgt      600
agcactttta aaaggaaaaa tnnnatggan agtgaaaaca acttgccctac ctataattgt      660
gggtctctaa tctttctggt tttaaaaann aaaantggca ttgctagggt tcnnaancan      720
aaaaannaaa aacnct                                     736

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<210> 3426

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3426

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ctacttggtc tntntgcagg atcccatcga ttcgaattcg gcacgangtc actctgtcac      60
ccaggctgga gtgcagtggt gtgatcatag ctactgcag cctctacctc ctgacacaag      120
ctgtcatccc gcttttggtt ctcaaagtgc taggattata ggcgtgagcc accatgcccg      180
accagtttct gcttttatta aaattgttca cagttttata cattcatggt cattaataat      240
gctattttaga aaagagtttg ataaaataaa tattatacaa aattcgaaga aaaaagaaaa      300
gagtttctgt ttcagtcaca aattaggggt attgtgatgt gtatttatga tgaccattga      360
acaaatgtga agaatactgn gaattctatg actttatcaa aatcagccac atcncaggag      420
cttgagttg ttgaccaa atgatgatgac atagagtagn tcagatctat catgtgctct      480
tctatcta atcagccaata tttccttggn cctcaagcca acattcattt tttatgtata      540
acccttcttc atgattntna aatnttgata gggtaaactg ctaatgagtt tcacaaatgt      600
agcactttta aaaggaaaaa tnnnatggan agtgaaaaca acttgccctac ctataattgt      660
gggtctctaa tctttctggt tttaaaaann aaaantggca ttgctagggt tcnnaancan      720
aaaaannaaa aacnct                                     736

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<210> 3427

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3427

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tntntnntt nantngaacc ctttntctct gctctttttg caggatccct cgattcgaat      60
tcggcacgag cacaaggaga agaagttaat taacattgaa ngatgagaag acatcttgga      120
agaacttgaa ttgggccttg gaagaagaac agccattcaa atagatagaa ttgtggtagc      180
aaaggcatag aggtaggaaa gtatagatct ccaggacac tagtcatggg gttggggcac      240
tgttggaatt taaggttgga aggatatatt ggagcccctt gaatacggta acaaggcaca      300
ccttgggcag tggagagtta tcagagtgtt tgaaaaggag gggtattgag taaataaata      360

```

gactggtact	ttaggaat	ttt	taaaatgtgg	atcattgtac	tactaataac	tattttat	420
atatttacta	tctactaagt	aattttacatg	tatttttcttg	tactgactgt	aaaccttctg		480
ggtgtgggtg	ttttaagtgc	catttttactg	atnaagaaac	tgaggcttaa	atagttgaaa		540
taagtcaccc	tgtagtgag	tggccagaat	gacaagtcag	atctanggtt	tgtctaactn		600
ccaaagatna	tataaaaata	atggatctct	ccttttccct	tatgcataaa	atatggggag		660
cntttttaaa	tcattacceca	tncgattgnc	caaaaaaata	cctttnggga	aaactgatta		720
ttantattcc	anaataaatt	tcaacggcct	gcntngnctn	ctttacaact	ttnt		774

<210> 3428

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3428

aaacantttg	ctcttggttct	ttttgcaagg	atcccatcga	ttcggccaac	ttcaattccc	60
tttttagtcat	ctacttccta	ctaacagctg	taactaggat	gagtcaaaat	caattgccta	120
tgctcaccag	atccctgata	aattcccatg	aagccacctg	aaaggtggta	aaagcaaggt	180
aaaacgtggt	gaaagcaagg	taaagaaggt	agatttcaca	attttgtttt	ttaaaaaggg	240
gaatcttccc	tgaattcttt	gaggtactaa	gtacgtgggt	taatgcata	tttcattctt	300
gttagcagtt	taaaaataat	gtttcagaga	ctgtattcac	gattgctaaa	aagcattttt	360
tctactaatc	attgttcatg	ggacttaaca	atggaagata	actgggaaag	cagtaaatat	420
aggaaaccac	taatagtgtc	tccttcttcc	taccctgacc	ctctctttgg	cttcagaaag	480
tgacgaggaa	aatgtatctt	tcacaaagaa	aagttatacc	acagaangta	ctaaaaagca	540
acaactgcct	ttggggacag	gaaacttaca	gaggggatta	ttatagaggg	ataacatacc	600
gagtttctat	ttcaataaga	gggaaattgg	tttatattct	gttcacactt	gtttcaaaac	660
cctctcctct	aaaagcatgt	gttttttggg	attcaaggaa	tgtaccgttc	tttccccaac	720
ccttaaaactg	gggggtcann					740

<210> 3429

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3429

tcttccattt	naagcccttt	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagag	aggggtgggt	ctggccacat	aggtaacctnt	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgcatt	ttanggtctg	ttttatgaan	ccaacaagtg	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcng	ctctgtcaca	300
atgaaccatg	aatacttaag	aaagggaaag	taggaacang	gagcatagcn	aagcataact	360
tgctgtgttc	canggattta	aaaataaatt	actgtcnaga	gcaatataag	ggcatgggt	420
ttgatcagga	actttttgta	aatgaaaaag	ttcacaactt	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgttatca	caaattatc	cactgaaact	caagtatnta	anacaacaat	540
atatcgctgt	gaaatnttaa	ttttgacata	tggaaangtn	accnaaaaat	tttgaacca	600
taccttnttg	gcttnaaatt	gcanggtggg	taccnattt	nttaaaaatn	annanacctt	660
tnnnnccaaa	aatnacttna	tnctacaaa	aattttccnc	ggnccatggt	taanaacctt	720

gnnncnccttt ttnaaacttt tac

743

<210> 3430
 <211> 776
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3430
 tgtccttttna attctaattgc ttggtacttc gntctntttg cangatecca tcnattcgan 60
 tncggcacga gggcaggggc ccttanagtc ttggttgcca aacagatttg cagatcaagg 120
 anaaccagg ngtttcaaag aagcgtagt aangtntctg agatcctngc nctagctnca 180
 tntnagggt aggangaana tggctnnnncn aancatgcn gtgctcctat tgetganctn 240
 nctgnccaaa ncatgagtc tgggtgatat catcatgaga cccacatgtg ctctgnatg 300
 ganttaccac tacttcaaatt gctatgagta ctntcagaaa ctntngaact ggtctgatgc 360
 cntgntann naacttntn nctgnttggc ctnnctntc tagatcaang gancngcnnt 420
 aatccnaaan ttcattntgan tnaagatcan nngttcctgc tnggcacctt tcnagnataa 480
 tccccttttn gcttgntnaa acggaantnn anaaggngtg tntnnttcna atcttattan 540
 aattcttgtn attncatttg ctataatccc tggagcctgg atttcctgga anccgtaaaa 600
 cngggcttct aagcacctta cncnnttcca tccttgaaaag nancctccgt nnnatnncan 660
 tnagnctnct antntaant cntattggag accctnaana ttccttttac atcaaanggn 720
 nggtataana atntttcngg nattttncag gantctngta aaattnttat tntacc 776

<210> 3431
 <211> 731
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 3431
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 atcgattcga attcggcacg agcagtggct ggataaaagg atgtgtggga aagaactgag 120
 ttgaaattag gagttagaat tttattcttt ggtactaagg aatcattgaa gatttttaaaa 180
 ttagggctga cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac 240
 aggtgccaga caccagttaa aaagctgtta ttttctaagc agtagacaaa ggtttacact 300
 gacaatagct gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac 360
 aactaaattt tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct 420
 gtcttggttg agttgggtgga ttaactgaga ttaacanagc tggaggaaat gtaaaaagaa 480
 aggcaggatt gttcattttg tcttttgttt gttttgggga acagggtcaa aattttcatt 540
 ctgcataagg taggttttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat 600
 cttggaagaa angcaaccat agtaatatct ttgagttntc actgnttatt ttttcaataa 660
 aaaactcagg ttctcaagtt tancagattc atnggtctta ggaaaggtag ctgttnaacc 720
 aaaatantaa t 731

<210> 3432
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 3432

tnagtttgaa	tgcttngant	tgctaatagc	ttggctactc	gttctttntg	caggnatccc	60
atcgattcga	attcggcacg	agcagtggct	ggataaaaagg	atgtgtggga	aagaactgag	120
ttgaaattag	gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	180
ttagggctga	cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	240
aggtgccaga	caccagttaa	aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	300
gacaatagct	gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	360
aactaaaattt	tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	420
gtcttggttg	agttggtgga	ttaactgaga	ttaacanagc	tggaggaaat	gtaaaaagaa	480
aggcaggatt	gttcattttg	tcttttggtt	gttttgggga	acaggggtcaa	aatttttcatt	540
ctgcataagg	taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	600
cttgaagaa	angcaaccat	agtaatat	ttgagtttct	actgnttatt	ttttcaataa	660
aaaactcagg	ttctcaagtt	tancagattc	atnggtctta	ggaaaggtag	ctgttnaacc	720
aaaatantaa	t					731

<210> 3433
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 3433

tnagtttgaa	tgcttngant	tgctaatagc	ttggctactc	gttctttntg	caggnatccc	60
atcgattcga	attcggcacg	agcagtggct	ggataaaaagg	atgtgtggga	aagaactgag	120
ttgaaattag	gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	180
ttagggctga	cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	240
aggtgccaga	caccagttaa	aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	300
gacaatagct	gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	360
aactaaaattt	tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	420
gtcttggttg	agttggtgga	ttaactgaga	ttaacanagc	tggaggaaat	gtaaaaagaa	480
aggcaggatt	gttcattttg	tcttttggtt	gttttgggga	acaggggtcaa	aatttttcatt	540
ctgcataagg	taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	600
cttgaagaa	angcaaccat	agtaatat	ttgagtttct	actgnttatt	ttttcaataa	660
aaaactcagg	ttctcaagtt	tancagattc	atnggtctta	ggaaaggtag	ctgttnaacc	720
aaaatantaa	t					731

<210> 3434
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(712)
 <223> n = A,T,C or G

<400> 3434

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tctccttgaa attgcttatn gctaggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gagagtggct ggataaaaagg atgtgtggga aagaactgag ttgaaattag      120
gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga      180
cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga      240
caccagttaa aaagctgtta ttttctaagc agtanacaaa ggtttacact gacaatagct      300
gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt      360
tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttggttg      420
anttggtgga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt      480
gttcattttg tcttttggtt gttntgggga acagggtcaa aattttcatt ctgcataagg      540
taggttttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa      600
aggctccata gtnatatttt tgagttntcta ctgnttattt ttcaataaaa actcangttc      660
tcangtttagc anatcatggt cttaggaagg tagctgnana accaaaatat at              712

```

<210> 3435

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 3435

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tctccttgaa attgcttatn gctaggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gagagtggct ggataaaaagg atgtgtggga aagaactgag ttgaaattag      120
gagttagaat tttattcttt ggtactaagg aatcattgaa gattttaaaa ttagggctga      180
cataatcaga tttgagtttg ggaacctata gtttgggact ggaggaagac aggtgccaga      240
caccagttaa aaagctgtta ttttctaagc agtanacaaa ggtttacact gacaatagct      300
gtggagatag agaaaagctg cgagatttca gagttttcca aggtgtaaac aactaaattt      360
tgtgatcaaa atgataaggg ccatctaata agctggggaa tgtgggatct gtcttggttg      420
anttggtgga ttaactgaga ttaacagagc tggaggaaat gtaaaaagaa aggcaggatt      480
gttcattttg tcttttggtt gttntgggga acagggtcaa aattttcatt ctgcataagg      540
taggttttagt ctttttcaaa acattctagt aggcaagtct gtagctgaat cttggaagaa      600
aggctccata gtnatatttt tgagttntcta ctgnttattt ttcaataaaa actcangttc      660
tcangtttagc anatcatggt cttaggaagg tagctgnana accaaaatat at              712

```

<210> 3436

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (717)

<223> n = A,T,C or G

<400> 3436

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tntcattcaa gtnctaangc tggctctttt gcaggatccc tcgattcgaa ttcggcacga      60
gactgctcct tcattcccaa gaagaaaaga caagtactgc tacttccaaa actcagacac      120
gacttgaagg tgaagtgact cctaattcct tgtcaaccag ctacaagaca gtgtcattgc      180
cattaagctc tccaaacata aagctgaatc tcaactagccc taaaaggggt cagaaaagag      240
aagaanggtg gaaagaagtt gtacgaaggt caaagaaatt gtctgttcca gcctcagtgg      300
tgtcgaggat aatgggaaga ggaggatgca acatcactgc aatacaggat gttactggtg      360
cccatattga tgtggataaa canaaagata agaatggcga gagaatgatc acaataaggg      420
gtggcacaga atcaacanga tatgcagctc aactaatcaa tgcactcatt caagatcctg      480

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ctaaggaact	ggaagacttg	attcctaaaa	atcatatcan	aacacctgcc	ancnccaaat	540
caattcatgc	taactttctca	tctggagtag	gtaccacagc	agcttccagt	aaaaatgcat	600
ttcctttggg	tgctccaact	cttgttnactt	cacangcaac	aaccgttatc	tacgttccca	660
ncccgcta	aaacttaata	agaatgttct	tagaaaaaaa	atntnaaaan	ctcgact	717

<210> 3437

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 3437

gngtcatnct	ttnaantttc	taatngctng	gctacttggt	ctttttgcag	gatcccatcg	60
attcgctggg	tttgattggg	cagattcttt	tttactagc	ggcgggtttt	cttttatgtc	120
ttgttataaa	gaagtatctc	attggaccct	attatcgga	gctgcacatg	gaaagcaagg	180
ggaacaaaga	aatcctgatc	ttgggaatat	ctgcctttat	cttcttaatg	ttaacgggtca	240
cggagctgct	ggacgtctcc	atggagctgg	gctgtttcct	ggctggagcg	ctcgtctcct	300
ctcagggccc	cgtggtcacc	gaggagatcg	ccacctccat	cgaacccatc	cgcgacttcc	360
tggccatcgt	tttcttcgcc	tccatagttt	ctcctggcgg	cgtgtgtcct	gtctctcatt	420
ctgccgagga	gcagccagta	catcaagtgg	atcgtctctg	cggggccttg	ccaggtcagc	480
gagttttcct	ttgtcctggg	gagccggggc	cgaagagcgg	gcgtcatctc	tcgggagggtg	540
tacctcctta	tactgagtgt	gaccacgctc	agcctcttgc	tcgccccggg	gctgtggaga	600
gctgcaatca	cgaagtgtgt	gcccagaccg	gaanagacgg	tccagcctct	gatggctcgg	660
agatgatgga	ccgtggaaag	ggaaccttct	gtggggagtg	aaccgcttaa	natggccagc	720
at						722

<210> 3438

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3438

tnntnttcca	cttggaaacc	cttttnngaa	ancccgagc	nateccatcg	attcgtctcg	60
ggagtagctg	ggattacagg	catgcaccac	catgcctggc	taattttnta	tactctagta	120
ntagacaggg	tttcgcccac	gttggtcagg	ctgggtctca	actctngacc	tcaggtgatt	180
cacccacctn	agcttcccaa	agtgtctgga	ttataggcgc	gagccaccat	ggctcancct	240
catgttcggt	tttaaaactt	aggatgggtg	ctcttntaca	ttgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacacttat	ccagggtcag	naatactnna	420
gtntacccac	ttaaangatc	tagacataca	tgaacttggg	cttacttgcc	cggtanaaatt	480
gcatacttta	naatagtcca	tcaccttact	taangnagat	atgcntngat	tatcngatt	540
actcnntaac	atagcctctc	nccttanctg	tctcacctga	atgtantacc	tggacctctn	600
caagtcnanc	agaggccnat	aataaaaagt	canaagttta	nncnnnacac	ccctctcccc	660
ccnccanta	ncccaanccc	ctcccannac	ccccctctcc	nccacnccct	cacctcnna	720
tcnccccacc	ccactcnncn	nncannccct	cccccccacc	cccnncnct	acnctcctnt	780
cccatcneg						789

<210> 3439
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3439
 anccttttnaa attccntngc cntaggctac ttgtttctttt tgcaggatcc catcgattcg 60
 gctgcacagt gggaagggca ctgggctgga agccctaccc atgtcagggg atgtctgggc 120
 ctcagattttt tattttctag aatgaagata cttacccccc aattgctgag atatttgaat 180
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 240
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaaggtacc 300
 taaggttgta ttcatcccat ttattgaatg ccaaggatat accagctact gctccagatg 360
 ttgtattcag ggaacagaag aagagtcctt gtgcccattg agctaacagc attctagggg 420
 aggaaagatg ggtcagctga ctttcacgat ctcaggctact gatgaagatt gtgaagatta 480
 ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa 540
 gggcctctgt ganaaagggg atggntggct ggntgtggtg gttcacgcct atnatcccag 600
 cactttggga gggtgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta 660
 ctaaaaatac aaaattagcc cggcatggtg gcacatgcct gtaatccagc tcc 713

<210> 3440
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 3440
 anccttttnaa attccntngc cntaggctac ttgtttctttt tgcaggatcc catcgattcg 60
 gctgcacagt gggaagggca ctgggctgga agccctaccc atgtcagggg atgtctgggc 120
 ctcagattttt tattttctag aatgaagata cttacccccc aattgctgag atatttgaat 180
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 240
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaaggtacc 300
 taaggttgta ttcatcccat ttattgaatg ccaaggatat accagctact gctccagatg 360
 ttgtattcag ggaacagaag aagagtcctt gtgcccattg agctaacagc attctagggg 420
 aggaaagatg ggtcagctga ctttcacgat ctcaggctact gatgaagatt gtgaagatta 480
 ttacatcang tgaatgtang ggtgatttag agaaagctgg tagctaggct gttcaaggaa 540
 gggcctctgt ganaaagggg atggntggct ggntgtggtg gttcacgcct atnatcccag 600
 cactttggga gggtgggagt ttgagaccag cctgaccagc atgganaaac cccgtctcta 660
 ctaaaaatac aaaattagcc cggcatggtg gcacatgcct gtaatccagc tcc 713

<210> 3441
 <211> 724
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(724)

<223> n = A,T,C or G

<400> 3441

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actccctttc ctgcctccaa gacctggtgt ctcocactgt gagccagct gtcccacagg      180
cagtcccat ggacctagac tcaccttccc cttgcctcta tgaacctctg ctgggcccag      240
cccctgtccc agctcccgac ctgcacttcc tgetggactc aggcctccag ctccctgccc      300
agcgagcggc ctcagccacc gcctcccctt tcttcggggc cctgctgtca ggcagctttg      360
cagaagccca gatggacctg gtgcccctgc gaggtctgtc gcctggtgca gcctggcctg      420
tcttgcacca tttgcatggt tgtcgggggt gtggggctgn nntggggccc gtgcccacac      480
cangcnancc cctgtatggg atcanaggcn cgaagangca ntgnangctg ntggcanntn      540
aantactgnc tgggctggaa nangaactnn taaaagtent ngcccnatc caccttggn      600
cccnannttn nncnntant cnnngggnntn angtggtnnn nnctngggac agntcnntnt      660
ggnttgnena tngnncnnat gnanaacttg gggtcannaa ncntttccnn atgnaancng      720
ngtc                                                                    724

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<210> 3442

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 3442

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ttcgaattcg gcacgagcct tccacgggta tttcacagat atggagagct ggaagcaggg      120
agtgagtctc tgagtgttgg aattgtaagg gatcagaagc agggatcaga agcagtgggtg      180
aagttcatcc accataaaac acacagggtga ctttgccttg aatctgcagg actgaagcca      240
actcttgggc acagaccctt agtcccttcc ttggccactc taagtcagat agtccagagc      300
caggcccttt gggatgtgac accgagataa atcagagaaa agctgtgaag cttggggaac      360
agagggactt ttggtgaagt aggtggtctg cagtttctat cttcttggga aaagcnagct      420
ggaaaagtga acagtgggtg gtaggccata gtgctcccag ctgggtgaca taatgaccac      480
acagcacagt gatgttatta gcaactgtgt ggtggagtag ttgtgggctg gacaaatcaa      540
tcgtgtggaa attgttagga gttttattac attaaacttg ttaacctaaa ataccatcaa      600
aaaanaaaan ntnatgntt nnacntacnt gtnatnntan aaaaaaaaaa nttgagccct      660
ttaaacccta ttanngngtc ctttttaccn taaaatccan accttnntta agaatncatt      720
tgattgaat ttttggncct                                                                    740

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<210> 3443

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 3443

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ttcgaattcg gcacgagcct tccacgggta tttcacagat atggagagct ggaagcaggg      120
agtgagtctc tgagtgttgg aattgtaagg gatcagaagc agggatcaga agcagtgggtg      180

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aagttcatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtcccttcc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttt	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttggggaac	360
agagggactt	ttggtgaagt	agggtggtctg	cagtttctat	cttcttggga	aaagcnagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctccag	ctgggtgaca	taatgaccac	480
acagcacagt	gatgttatta	gcaactgtgt	ggtggagtag	ttgtgggctg	gacaaatcaa	540
tcgtgtggaa	attgttagga	gttttattac	attaaacttg	ttaacctaaa	ataccatcaa	600
aaaanaaaan	nttnatgntt	nnacntacnt	gtnatnntan	aaaaaaaaac	nttgagccct	660
ttaaaaccta	ttannngtgc	ctttttaccn	taaaatccan	accttnntta	agaatncatt	720
tggattgaat	ttttggnct					740

<210> 3444

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3444

tctctgtttt	natncttggg	aatttgnana	tngctagget	actngntctt	tttgcaggna	60
tcccatcgat	tcgaattcgg	cacgagcctt	ccacggttat	ttcacagata	tggagagctg	120
gaagcagga	gtgagtctct	gagtgttggg	attgtaaggg	atcagaagca	gggatcagaa	180
gcagtgggtg	agttcatcca	ccataaaaca	cacaggtgac	tttgccttga	atctgcagga	240
ctgaagccaa	ctcttgggca	cagaccctta	gtcccttctt	tggccactct	aagtcagata	300
gtccagagcc	aggcccttgg	ggatgtgaca	cagagataaa	tcatagaaaa	gctgtgaagc	360
ttgggggaaca	gagggacttt	tgggtgaagta	ggtggtctgc	agtttctatc	ttcttgggaa	420
aagcaagctg	gaaaagtga	cagtgggttg	taggcatag	tgctcccagc	tgggtgacat	480
aatgaccaca	cagcacagt	atgttattag	caactgtgtg	gnggantant	tgtgggctgg	540
acaaatcaat	cgtgtggaaa	ttgttaggag	tnntattaca	ttaaacttgt	taacctaaaa	600
taccatnnaa	aaatanaatc	ngnnntaaaa	cnancntata	nggatgtnan	aanaactcga	660
gcttctaaaa	ctntagnnga	gcctttgtta	cgatanatcn	ngacatgnnt	aagatacatt	720
ggttaggttt	ggacaant					738

<210> 3445

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 3445

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aattcggcac	gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	120
gagttagaat	tttattcttt	ggtactaagg	aatcattgaa	gatttttaaaa	ttagggtcga	180
cataatcaga	tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	240
caccagttaa	aaagctgtta	ttttctaagc	agtanacaaa	ggtttacact	gacaatagct	300
gtggagatag	agaaaagctg	cgagatttca	gagttttcca	aggtgtaaac	aactaaattt	360
tgtgatcaaa	atgataaggg	ccatctaata	agctggggaa	tgtgggatct	gtcttgggtg	420
anttggtgga	ttaactgaga	ttacagagc	tggaggaaat	gtaaaaagaa	aggcaggatt	480
gttcattttg	tcttttgttt	gttntgggga	acaggggtcaa	aatttttcatt	ctgcataagg	540

taggttttagt	ctttttcaaa	acattctagt	aggcaagtct	gtagctgaat	cttgaagaa	600
aggctccata	gtnatatatt	tgagtttcta	ctgnttattt	ttcaataaaa	actcangttc	660
tcangttagc	anatcatggt	cttaggaagg	tagctgnana	acaaaaatat	at	712

<210> 3446

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 3446

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ccgtccncta	cctctccac	gtggaggggtg	gagcagttat	gagggaggaa	gtcaactgct	120
gttcagcctc	agaataaagg	tgccgttcac	tggtcagtt	acctcctgtg	taccggcatc	180
ttgtgttggg	aatgttcccc	cctncctagg	gaccaaggan	caccctaca	aaaanagtaa	240
ntggttgggt	gatactccct	taagccaaan	aggagctacc	caacctgttc	ttagggaccc	300
angttacct	caaggggtggg	agagaattca	atggggccag	atgttgggtg	aagccccatc	360
tctggggctc	angtttcttg	gaanacttat	actatcccta	ccctcctnaa	ngcctgnatc	420
agactaaaat	ntgtataant	canngcntgg	gaccctantc	nanggtcttg	ggaagctncc	480
ctnnccnntt	ngggtncna	nnagcnaaca	ttntncaaa	gggcncnct	tatnggnaaa	540
antgtnggnn	cacattcccc	ccttctccaa	aggaangngg	ccnccgnatta	acaatnngct	600
anncttttgc	ccattggctn	aaaancccc	ccccacattt	ccatnatttc	angnttgngc	660
nncattatct	atttctttat	antgnnnttg	tanncncttn	ttnnactcaa	agnnnatcnc	720
ttacctttca	cnatcccnca	attnctntg	gtccanctg	tgnnccnttt	nganancctc	780
nnccncttn	cttncagggg	ntnttanang	ntnatctaaa	tntgnggcnc	atannt	836

<210> 3447

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3447

cttacnttng	ctctcggttct	ttttgcaggn	tcctctgatt	cgaattcggc	acgagttcag	60
ggttgggtggg	tctgtggacc	ttgagctagt	ttttaatcaa	catggaaact	ccagtgatct	120
atttaaaaac	ttgcattggg	tcatgccagg	tttattggag	gttataccct	ccaatgtatt	180
tccaactcag	ggttaaagcc	aaggctcctta	tggtggaaga	tggggcatat	aaactggcat	240
tctggcgctc	acacactcca	atatctacta	ctctcccctc	ttgctcgctc	agctgtggct	300
tgcttattca	gctttttgct	cttctgggaa	tacatcaaac	atatgtaggc	ccagggtttt	360
aaccatttta	acaactgaac	ttgtaactgc	actagtcttc	caggtaagca	gaagtattag	420
ggttatggac	agtttatccg	aagtaataac	caggaatgcc	taataaaaac	atgcangtat	480
tggtgtaaaa	aatagagttg	gtgaacaagg	agttaccttc	tgactgnctc	tcttttagtg	540
aagtaggagg	caagggttatt	agctaagagt	gagatgggtta	ggagatgggtg	taaatttaaa	600
ggaaaagaat	taagggtatga	gatagttggc	taggataatg	aanttnntga	atgggttttg	660
gctaagtngt	attaaaatcc	ccttttaggt	atagacnatg	aanttcctaaa	gcncactta	720
gccaacctg	ggttctttct	tttcttt				747

<210> 3448

<211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 3448

ttnnnnntcaa	cnggaacnnet	tttacccttc	ccgtttcttnt	tgcaggntcc	catcgattcg	60
aattcggcac	gagatgttgc	ccaggctggg	ctcaaaactct	tnntttntcaa	gcaataactcc	120
tgccttggcc	tcccaaagtgc	ctgggataat	aggcatgagc	catcatgcct	ggccgaactt	180
atTTTTaaat	tctttgggaa	tctaaaagga	ctatgtgctt	tcttttttac	tggattatgt	240
gagaagataa	tagtttgcag	agaaattcag	tgaagcagct	gataaaatgc	tttaaaaata	300
tatttcagag	aattgagcaa	taacagtgat	gtcaaaatag	tagccccacc	ttctccagcc	360
cacctaaacc	aacactgagc	atggacacat	gcatttcttg	tcatcagcca	gacgaaatgg	420
agtagcaaaa	atccatccta	tatgtcattg	agtcttataa	tacagttctc	ttttctctgn	480
ctattaataa	aagacccac	tgaatgaagc	cggatttctt	ttaggcaatt	taaactttct	540
gaaatagagg	aaagttggaa	aggggcggtg	gtcaaggaat	atagaagtaa	aaaatatatt	600
tgagggtcaa	tgcttatctg	aacagattgn	ctagtctgat	tattttttaa	agtattatgt	660
tgatccagtg	gtttaaattt	gaatcaaaaag	taatgattta	accaaagggt	gtgcttccat	720
tattaacctc	agaaacacta	agaaaccgaa	atcactttt			759

<210> 3449
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 3449

ttnttnncnc	tnntggaacc	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagca	60
aaaagctgct	gctgggcagc	cccagctcgc	tgagccccct	ctctaagcgc	atcaagctcg	120
agaaggagtt	cgacctgccc	ccggccgcga	tgcccaacac	ggagaacgtg	tactcgagct	180
ggctcgccgg	ctacgcggcc	tccaggcagc	tcaaagatcc	cttccttagc	ttcgggagact	240
ccagacaate	gccttttgcc	tctcgtcgg	agcacgcccc	atattagtgg	tccggggccg	300
ggcaggccca	gctcaaaaaga	gggcagacgc	agcgacactt	gttcttcaca	cacccccatt	360
cggcgtagta	cccagagagc	tcaagatgtg	tggcagtttt	cggatggaag	ctcgagagcc	420
cttaagttct	gagaaaaattt	gaagccccc	gggggtgggg	ggacgcgtgc	cgccagctcg	480
acgtcagcgt	ggtctgtcat	cctgctagtt	ngtgatgttt	tctgacagta	gcctncaaga	540
accggttggt	cgaagacaga	gtcctgcaga	gtccttccag	cctagcctgc	agcgccattt	600
tatttatatt	ttttaataaa	aagtaaaaca	nnaaaaacag	acccacattg	gaacagtga	660
tcattccata	gagaggcccg	tggaccatcg	ttgtcatgag	tgatgcctgg	ccttttgaaa	720
ccagccnacc	taattc					736

<210> 3450
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (738)
 <223> n = A,T,C or G

<400> 3450

cttcttttcn tnnacgttc tttttgcagg atcccatcgg attcgggagn aactgctcac	60
tcctttttccc tccccataca aactcaaagt cccctggggcc ccaattcaga gttatgtttt	120
ttttggcaca tactagaaag gcagtgcctc agcccttccc tgaatccatg gaggtgttct	180
gtttggggct ttttagactg ctgctgctca gctgggttgc tgaactgaca gtaggccagc	240
ctgtttctctg ccattcccta gtcacacctg gcctcaccac agcttgctta gagcaagcct	300
tttctcagac cttaggcaca gcctctctc tttacctgat caatgttaaa tgtaagcacc	360
cctgatccca ggacataagg aaagatgccc aattgtactt ttgttctata gcctgtgaaa	420
tggctagtgtg atcatttttc caciaaagaat tangtgtaa gagttttcct tcangcttta	480
cttangagaa tggactaagc tgaangtgta ctttaccagc aagagtcaac tctagaattt	540
cangatgttc cttctattgc ctcttagcca tctgtcagga aatgtaactn tggttttatt	600
ttnggctatt ccanggggta agccanaaaa tngnaatgat nattctgatt aatagcagaa	660
actttttcat cccaaattat aaggggnctg ctcttttaaa aagcntctaa gctaagtcna	720
gagcttagga actgtgac	738

<210> 3451
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (746)
 <223> n = A,T,C or G

<400> 3451

ttnnnttntt gaacttttta ccctgttctt ntgcaggacc catcgnttcg aattcggcac	60
gagggctctg accctgcagg actgggcagc ccagcgggtgc accatctcct accgagcccc	120
agagctcttc tctgtgcaga gtcactgtgt catcgatgag cggactgatg tctggtcctt	180
aggctgcgtg ctatatgcca tgatgtttgg ggaaggccct tatgacatgg tgttccaaaa	240
gggtgacagt gtggcccttg ctgtgcagaa ccaactcagc atcccacaaa gccccaggca	300
ttcttcagca ttgcggcagc tcctgaactc gatgatgacc gtggaccgc atcagcgtcc	360
tcacattcct ctctnctca gtcagctgga ggcgctgcag cccccagctc ctggccaaca	420
tactacccaa atctgaaaaa gcagcatgtt gagaagatgg ccccttggtgc cttggaaaga	480
ggttcccatc cctcattgga atcaccaccc attccatcca ggacttctct tacacttggg	540
ggtagccggg gtcaggacaa tcatctcagt cctgcattct ttcttctgct ttcttccctc	600
caagagcaaa acctgggcaa ggggacttac tgagtggggg tgggtggggg ttgggaaaag	660
ggaaacnntt gggatatggn acatggntct naggaggant gntgagctac ntancgtntt	720
gactcnaaan tnnngagca gnnnat	746

<210> 3452
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (764)
 <223> n = A,T,C or G

<400> 3452

ttntnttccc ttgaancctt tttctacann cncctttgca gatcccnegt tcgaattcgg	60
cacgagagac aaagaaaagg tggcaatcat agaagagttt ntagtaggtt atgaaacctc	120

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tctaaaaagc tgccgggttat ttaaccccaa tgatgatgga aaggaggaac caccaaccac 180
attacttttg gtccagtact acttggcaca acattatgac aaaattgggtc agccatctat 240
tgctttggag tacataaata ctgctattga aagtacacct acattaatag aactctttct 300
cgtgaaagct aaaatctata agcatgctgg aaatattaaa gaagctgcaa ggtggatgga 360
tgaggccag gccttggaca cagcagacag atttatcaac tccaaatgtg caaaatacat 420
gctaaaagcc aacctgatta aagaagctga agaaatgtgc tcaaagtta caagggaagg 480
aacatcagcg gtagagaatt tgaatgaaat gcagtgcacg tggttccaaa cagaatgtgc 540
ccaggcttat aaagcaatga attaaatttg gtgaagcact taagaaatgt cattgagatt 600
gagagacttt tataggaaat cactgatgac ccagtttgac tttcatacat actgtatgan 660
ggaanattac ccttagnatc ttatgggtggg actttattta aaaacttnca nnaatgttcn 720
ttcgacagcc ttccatttta acttcnaagg cnncaangaa ttnt 764

```

<210> 3453

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 3453

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ttnttcncc tttttnaanc ctttttgcag gatcccatcg attcggactg ctggccgagc 60
ccgctgggag tctagaaaga gaaaatctgt ttctagacct cagttatttt cccatttttg 120
gttgttttga agcagtaaca tttttctcag tgcacatgca atttgggttt tagagaagat 180
ggccaccagc tggcttccta gatattttaa acttttgttc tttaatatgc tgtccatggc 240
tgagtttatt agtacatggg cttagtgacc acaaaatatt ttattaagaa actgtttcaa 300
aaataaattt gcactgttca tttttctggc ctcgctgttc tccatagagc aagggtaatc 360
ctagaaaaat tttttttttt ttaaattatg caacgtaaga tgtcctcctt gatagaagtc 420
ttagctcctg tgttacaagg gagaactcat ttgagatcag tctgttggca ttgcaatgaa 480
gtgctttgta tcangaaagt gtacactatt gacctttttt cctgttcaca agctgagcca 540
tatgtacata atctagattt tgttttcata gttttgcact ttttatagcc ttttttgaa 600
gattaacaca tttgcaagat gatntgactc aatctttgcc taatccaaat gagtgttacc 660
agagagcttg cntgtgacta gaaccataa aattcttaaa angggggtatg ttgataatag 720
aagggcnggg aatttaaaac ccnggntttt aaaaaaat 758

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<210> 3454

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3454

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cacctttcct ccagtttcca ataacacatt cctcttttcc acctgagacc tcaccagaat 120
cacctttaat gtctatatct ctaccaatag tctttttaag gcaatatagg ctttctctaa 180
catgcacttc aaacttcaag atggagggga tgccatacaa caggactatg tgatgggttt 240
tggctgtgtc cataggaagt cacaacaggc aagggaaaga aaccagaacc cagtcatgga 300
gttaagaagt gagtcagaga gtagatgggt agggacagtg aggttaaggcc tctttctaag 360
gaagtttggc tgaaggatag actagctgga cacatgctgg ctgtgtgggg tagagggagg 420
aatgatggan ggtaggagag ccttgagcct gcgagaagag tctctagaat agagaagctg 480

```

aggttaaagt	tgtggaagac	agtggggata	actgagtgac	agataatcan	gagaagaaaa	540
ggagatccag	aatcatgacc	agagagatga	cctttgccaa	gagcacagcc	atctttcact	600
gtcncanaga	ggtaggacaa	aacgattggg	gttcaagaat	tggggtttgta	gcacaatatt	660
ttactatgt	cctttaaaaa	agtttctccc	ccagacacta	cccaaagcca	gtcctttcac	720
tacagggggc	cgacagaccn	tgaaaatn				748

<210> 3455

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 3455

tctcantnct	aggctcttgt	tctttttgca	ggatccctcg	attcgaattc	ggcacgaggt	60
attcagcttg	gctggagcag	aggcaggagt	ggggaactgg	ggacaggtga	gactagaggt	120
tggcagaaac	cagccatagt	agtttttgcc	tcatttgga	aacaaggagc	catccaagag	180
agagcgggta	agctgatggg	gacacagcca	tggcgcatg	aaataccccc	agtggctgtg	240
ttgtagggta	tattgggttg	gggagggaca	aggtcaggag	gcatagactc	gacatcatct	300
gatgtgattc	angacagaat	ggcgagcctg	aagtgaagtg	tctgtaggat	aagttggaaa	360
ggaaggaacc	aatatgagat	attaaagaag	tgaaagctat	aggtcccagt	gccttaataa	420
aggtaaggag	taagagaaga	ttcgagattg	actcccagac	tctccagtct	gctggacatg	480
ggagatggaa	tagaagttga	tctcggnttg	gtcataggag	agcagttact	gtgttgagca	540
tggatagcct	gtcgttcccc	aggagaagga	ntacagcttg	gctggaaatn	ngcaatgccn	600
annttggaga	gatccacctt	ggggtcactc	ctagggggcc	nacccttgna	ncccttgagt	660
agcaatcccc	ccagaaaanga	tncaaagggc	ttganntcna	actttaaana	ancnnt	716

<210> 3456

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 3456

tttacantag	tagctctcgt	tctttttgca	ggatccatcg	attcgaattc	ggcacgagat	60
ttgcttcgag	ggtagtgtct	tactaaaagt	taggaacaga	gacctagtgg	tgtgtccaag	120
gccgtgtcac	tttccccctc	agcacacccc	agcttctgac	ctcagagccc	aggagctgcg	180
tggacagtgt	ggggtgccag	gaggaggggc	ggtaggctgg	cctcaggcac	gctgcactcc	240
cagccagaca	tgggtcttcc	gtttcttaag	tagcaagtgt	aggtttcagc	tggcagttcc	300
acctgcatgt	tctctgcttc	gctgccttgg	aagggggccac	attccccatt	cctcttctcc	360
ttacagcgcc	tgctctcttt	ttcaagcagg	cggaaagctg	ctgtttctca	cgtttcaggg	420
agaggggtga	gcggaggagg	acctgtgtcc	gtgccgtccg	gctccctggg	tgggaacagg	480
caaggggatca	gatgcccttg	acaccacgcc	tctggcacac	canatgcctc	tgagtcctc	540
gacagcctct	tcagtgtccc	tctgcggtg	atgtccttac	tgtccccagc	caaggccggg	600
gaccggtgtt	tactganga	cctgcattag	aaacattttt	taaattgttg	tncaggaaga	660
gatgtgtctt	aaaacagcat	ctttaagct	gantgtat	ctttgcacaa	ag	712

<210> 3457

<211> 664

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 3457
 cacgagattt tgccatgtgg caagttgggt tgtggagttg ggcaggtgtg aaagggtaaa 60
 actccacttc tgaatgctgc ttctgcccc tgggaccag cacattgtta gaccatcttc 120
 ttgactgaaa attctctcct gatgctgagc cctgcaccac caccttcctt ttcctaacta 180
 tgaatagatg gcaaagtcca ctcaaaacaa ccagttaagt gctcacgaga gagtagtcaa 240
 gcacctccag aaagaaaccg ggtttttgtt cacatagcan gaagtgactc cctgggtggt 300
 nattnatctt ggaaacacag gtagattggc agaaaaacgg gaacatgtag gtaccgcat 360
 gttggtgcat gtncattact ttgggatagg ctttctcagt ctttcctcaa atgatngttg 420
 agccagtttt ccagggggca attctgantg acttgcgctt gtcttatggt gtggtcaagg 480
 gactttcana actacngaaa acttttactg anacagctga aacaagagta taccggcntg 540
 agagggaaga tgaacactca cctatgtacc actcttttga caatnaatnt agtatttctc 600
 aaatcaagtc tnnagactga tcctgtctca aaaaaaagc cnttagacta ttattgagtc 660
 cgtg 664

<210> 3458
 <211> 822
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(822)
 <223> n = A,T,C or G

<400> 3458
 atcccatcga ttcgaattcg gcacgagcca tgggcggctg cactcccnac anatgggagt 60
 gnccaggag gacttgctca gccatggatn cacaccgacn gctgaggggg cgccctggcta 120
 cctnntgtac catccctgtg nctacatgct tgcangagga cggatggctt actgnangaa 180
 naagccngna tgcanntctg natgagaaca caggcaganc nccctctata gaaagcctgc 240
 tttggnanac ntnntcatan agccgagact ncacntacnt cacngccttg gngaanaatcc 300
 aactcgaggg gatctatgtc ttacgttcct gcaagcgccc ntggagctgc centgganca 360
 gtgtgccagc cancnagagt gntgggnaag cccncnann nnaccttcaa tcatggacag 420
 cacnaancgg ntggntctgc gcnagangtg ctgggtaatg agnttacgtn caaggttngt 480
 atccactaga gcccgangta tcatanccnc caaccacgta actntgggna atnnnaatna 540
 atccaaagat ttantngaaa ctttaattgc gaccantngt aagacacnt ggtaaatttt 600
 agcccaancn aatgaacncc tcnngtcttt gcaattaaaa taaaatnact ggcggnntta 660
 nctgcccccc anttngccat ttctnntttt annaaaacag gncngtttcc caaccatttn 720
 cgnccctttt tcttaaangt ttgccttggn ccgnattntt aaaaantcnn natnctaaaa 780
 tagcccgana agncttttgg ancaacnttn taaccttggg ng 822

<210> 3459
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(715)

<223> n = A,T,C or G

<400> 3459

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ggntcttcna atgctnggct ntngttcttt ttgcaggatc cctcgattcg aattcggcac      60
gaggtcacct ccactagagg gggataaaaa ggataatagg aaatcagaat attttgattt      120
gtagttcaac tgttgatcaa ttatctttga gacttttaac attcatgact aaggaggatt      180
aataattaac atgagctgta gaattaagggt ttgtatggca tgataagtat aaaccagttt      240
tgggaccgct ataattctaa aaaagcagggt agactagatg attagttgta cacttattac      300
tgctaattct tgattgtaga acaaattttc ctatgaaaac catgtttgtt attttatatc      360
tctattagtt cggtaaaagt ttancagttt tagatgtcga accagtaaaa aacaagttgc      420
ccattctatc atttttttta ttgtggtaaa atatatttta gataaaaattt acgattttta      480
ccatcttaag tgtacattgg tacagtggca ttgggttacgt tcacaatggt gtacaactgt      540
catccctatc tattttccaaa gctttttcat caccctaaaca gctctatacc cactaacaac      600
aactccacat caccactcc ccagccctgg ttatctctgn tctactttct gcctctatga      660
attcggatat tccagttggn ncatataagn nggactcata taatatnngc ctttt      715

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<210> 3460

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3460

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tcttttctaa tgcttggctc tcgttctttc tgcaggatcc catcgattcg tcaccatggt      60
gccaggcta gtcttgaact cctgggctcg aatgacctc ccaccttggc ctcccaaagt      120
gctgggatta taggcgtaag ccactgtgtc tggcctagtg tatgattatg catgagtcac      180
gcaatgttct ggtcctggat tccaggagta gaggacctag ctttaaataca attagtttca      240
gctaaactga ctagaaccag gtcaaagtgt aattctccct ccagctcccc caaaactaga      300
gttgggggga actggaggga gcaaaacact gatttgatac tagtcagttt gcttgaaact      360
agttcaccta aagctagatc tcttaaaacc aatttactga aaacttgttt gcttaaagtt      420
aatgacttaa tgactaattt gccaaaagct caattcctat tttggtgtgt ttatatccat      480
ttaggtgtcc tattcttttt tgtcatgctt tggatatttc aaggatttat atctattcat      540
ccaagagtac ttctgagcta ttatcagcaa cataaattta tcaaatttgc agcactttgt      600
aaaatgatga gaatgcttcc tacctttatg gatgtctntt tctatggtat ctaccattca      660
aaaacttttt taaaaagttt aaaagtcta gcaataaaat ccaattggta cagacatttt      720
gggtatcatt ttttggttct taanccann      749

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<210> 3461

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(935)

<223> n = A,T,C or G

<400> 3461

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ccntcatcct ttttacagnt tttnaactnt ttncgcagnn nccncgante cgcnantnca      60
nntggggaac atcttcttgt ctgctggaca cctgatttgg gcccggttct ctgccattcc      120
tttctgcaat tacatgggtt tcccagctgt tttgcgcggc cttggagcac ccacagaggc      180
ggncctgct ggcangctat gccctgggtg tgggactctt cctgcttctg ctccagcccc      240

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tnacggaccc	caagctctac	ggcagccttc	centtttgtgt	gcttttggag	cgggcagggg	300
actcagaggg	ccccctgtgc	tcctgaccta	tgetcctgga	tacgctatga	actctcaccg	360
gctccccagc	cctnccccanc	aaggggtact	gccanggnna	agnggcttgg	cctnggggtcc	420
ccccanaatc	tcanggaatt	tattgnanng	ggganttgna	agccngaagc	tantctacnt	480
ccccagggg	acccaannag	caanagtaag	cnn cattttt	cnnaaanggg	tgcncccccc	540
cttntattga	aaagggngtn	gtntntatcc	aangccancn	ttgntnatct	tgncaggngg	600
accaacggcg	ccctatgtnt	cccangnaan	cctcancann	accttctact	ttttactcnn	660
actntnttcc	nacctncttn	tncttcnatn	ctttaanttt	ccctctnncc	attntcnaa	720
aatanacett	ctttncagng	gcttnnnnt	nacatcantt	aaataancnc	ttntttcctn	780
aaatacatcc	naaacatcna	accnaacett	atnccctncg	ggnccttttc	nacacntant	840
tgncacttct	ctatatgcga	actacanant	taaccatttt	tggacanatc	tcggngngana	900
nttattttcta	taatccacac	taatnncann	tacnt			935

<210> 3462

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3462

nttttgata	ctttncctt	ntctcaggcc	tttttgcagg	atccctcgat	tcgccacgac	60
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actttgttac	atcaaaatat	gttgtctagt	aaaaagttga	tattcagtag	aacaaggatc	180
atgtaaataa	acatctattt	cacatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctattttt	ccctaaattg	300
tgcaaacata	ggtgagtctc	ttaacctttc	tgtgcctcag	tttttctacc	tctaaagggg	360
tgggatgggt	cttcaaattg	tttctaaaac	accggcactt	tcagcagtgt	tctgggtggc	420
tgagatgaga	gcaccgtgtt	cagaagtgcc	tgggagtggc	acagtggaaa	ctccgcttgc	480
acggaccatg	gagtcgtctc	aggaccatgc	tgtaggacac	acagcctcat	gcgctgagaa	540
agcaaaggaa	gtgctgggtg	taaaagttgc	atgattccat	gaagcttttag	ttttcctttt	600
tttggtttta	aaagaaaggg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacaggg	660
acttcaagaa	agccgcacag	aaagatcacc	ttctgatggg	gtgatgggtgc	tcctgacatt	720
cnggccgang	tctgnattct	gaaaaaagan				750

<210> 3463

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 3463

gcttgnctnc	tnctttttca	aatngctngg	ctactngttc	ttnttgcagg	atcccatcga	60
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ttaggagtta	gaatttttatt	ctttgggtact	aaggaaatcat	tgaagattttt	aaaatttaggg	180
ctgacataat	cagattttgag	tttgggaacc	tatagtttgg	gactggagga	agacaggtgc	240
cagacaccag	ttaaaaagct	gttatttttct	aagcagtaga	caaaggttta	cactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaaggtgt	aaacaactaa	360
attttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420

gttgagttgg	tggattaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaagg	caaccattag	taatattttt	tgaagttccc	tacctgggta	attttttcaa	660
taaaaaactn	aggttctcag	gttagcnaga	atcatggtct	taggaagggt	ancttgtaag	720
acccaaaatt	atnt					734

<210> 3464

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 3464

tnntnttcca	cttggaaacc	cttttnngaa	ancccgccagg	natcccatcg	attcgctctg	60
ggagtagctg	ggattacagg	catgcaccac	catgcctggc	taattttnta	tactctagta	120
ntagacaggg	tttcgccccat	gttggtcagg	ctgggtctcaa	actctngacc	tcagggtgatt	180
caccacactn	agcttcccaa	agtgtctggga	ttataggcgc	gagccaccat	ggctcancct	240
catgttcgtt	tttaaaaactt	aggatgggtg	ctcttntaca	ttgattggca	ggaactcttc	300
atattacgag	gcacttagct	agntgnctgt	gaaatanaat	actaatgatt	gaactttcta	360
ggaagtgcct	attctgctaa	tagtgnaaat	atacacttat	ccagggtcag	naatactnna	420
gtntacccac	ttaaangatc	tagacataca	tgaacttggg	cttacttgcc	cgttanaatt	480
gcatatctta	naatagtcca	tcacettact	taangnagat	atgcntngat	tatccngatt	540
actcnntaac	atagcctctc	ncettancgt	tctcacctga	atgtantacc	tggacctctn	600
caagtcnanc	agaggccnat	aataaaaagtt	canaagttta	nnnnnnacac	ccctctcccc	660
ccncccant	ncccaanccc	ctcccannac	ccccctctcc	ncccacncct	cacctcnna	720
tcnccccacc	ccactcnncn	nncannctt	ccccccccacc	ccccnnncnt	acnctcncnt	780
cccatcncg						789

<210> 3465

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 3465

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ctcaggett	ccacagangc	ctcccagggc	tctcgggccag	tcagcctcag	aatgagagtt	180
acaccaactgg	cttccttggg	tcaaccacct	tcttacctgg	actgagcctc	acttacagct	240
tctctaggtc	tccagcttgc	agacagccta	tgggaggact	tctcagcctc	cataagtgtg	300
tgggccagtt	cgcctaataa	atccccctctc	ctggccgggc	gcggtagctc	tcccctgtaa	360
tctcagcatt	ttgggaggca	gaggtaggtg	gatcacctga	ggtcaggagt	tcaagaccag	420
cctggccaac	atggtgagac	ccccgtctct	actaaaagta	caaaaagtaa	ctgggtgtgg	480
tgctgggtgc	ctgtaatccc	agctactcng	gaggctgaag	cangagaata	cttcgacctg	540
ggaggtanag	gttgacagtga	gcccagagac	gagccactgc	actccagcct	gggtgacagg	600
gcaagactct	gtctcaaaca	anatnaaaat	ccctctccaa	aaaaaaanac	cnctcccaag	660
tttaacccat	tcanntccnt	taccaannga	ancntctatt	nancaaaaana	tcnnnccncc	720

tncccccacca ccccccngng tcnttaatcc cnaanncc

757

<210> 3466
<211> 780
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

<400> 3466

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ggcttctgga	ttgtttcact	gtgattccta	ggttttttcg	atgccacgca	gtgtgtgctt	180
ttgtgtatgg	aagcaagtgt	gggatgggtc	tttgcccttc	tgggtaggga	gctgtctaata	240
ccaagtccca	ggctttttggc	agcttctctg	caaccaccg	tgggtcctgg	ttgggagtgg	300
ggagggtcag	gttggggaaa	gatggggtag	agtgtagatg	gcttggttcc	agaggtgagg	360
gggccagggc	tgctgccatc	ctggcctggt	ggaggttggg	gagctgtagg	agagctagtg	420
agtcgagact	tanaagaatg	gggccacata	ncanacanagg	actgttgtaa	gggagggagg	480
ggtanggaca	gaagctagac	ccaatctcct	ttgggatgtg	ggcngggang	gaaacacgct	540
tgganggtta	atttaccac	nnaatgtgat	antnataggg	ganggaagct	gctgtgggtt	600
taactcctgg	gttgncttgt	tgggtagaca	gntnggggaa	aaaggccctt	tgaattcatt	660
gtaagcncaa	gtcccaactt	ngcccctgac	tccctgccng	gnnggtattng	gggaaacttt	720
ttgacncaaa	accatcngnt	tgctnnctgg	accttttgca	ngccccttta	nccccnttnt	780

<210> 3467
<211> 741
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G

<400> 3467

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ctttcaaaga	taaaaacaaa	aatgatggcc	ttaaacctaa	gcaggctgac	agtgtagagc	180
aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	atagtttagga	240
agcacattta	cagggaaacat	tttcagcatg	tggcagcacc	ttacatagca	aaggcaggag	300
aaaaatcact	caatggggca	gtccccttag	gctcgaatgc	ccgagaagag	agtagtattc	360
actgcaagcg	atgccttttc	atgccaaagt	cctatgaagc	tttggtacag	catgtcatcg	420
aagaccatga	acgtataggc	tatcagggtca	ctgccatgat	tgggcacaca	aatgtagtgg	480
ttccccgac	caaacccttg	atgctaattg	ctnccaaacc	tcaagacaag	aagagcatgg	540
gactcccacc	aaggatcggt	tcccttgctt	ctggaaatgt	ncggctctta	ccatcacagc	600
agatggtgaa	tcgactctca	ataccaaaag	cctaacttaa	attctacagg	agtcaacatg	660
gatgtcccag	tgttctgtat	aaaatgcaaa	ataaatgggt	tttattaacc	anacaaanaa	720
aaaaaaaaac	ntcgagccct	n				741

<210> 3468
<211> 741
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3468

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ctttcaaaaga	taaaaacaaa	aatgatggcc	ttaaacctaa	gcaggctgac	agtgttagagc	180
aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	atagtttagga	240
agcacattta	cagggaacat	tttcagcatg	tggcagcacc	ttacatagca	aaggcaggag	300
aaaaatcact	caatgggggca	gtccccttag	gctcgaatgc	ccgagaagag	agtagtattc	360
actgcaagcg	atgccttttc	atgccaaagt	cctatgaagc	tttggtagac	catgtcatcg	420
aagaccatga	acgtataggc	tatcaggtca	ctgccatgat	tgggcacaca	aatgtagtgg	480
ttccccgatc	caaacccttg	atgctaattg	ctnccaaacc	tcaagacaag	aagagcatgg	540
gactcccacc	aaggatcggg	tcccttgctt	ctggaaatgt	ncgggtctta	ccatcacagc	600
agatggtgaa	tcgactctca	ataccaaaag	cctaacttaa	attctacagg	agtcaacatg	660
gatgtcccag	tggtctgtat	aaaatgcaaa	ataaatgggt	tttattaacc	anacaaanaa	720
aaaaaaaaac	ntcgagccct	n				741

<210> 3469
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 3469

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acatatggaa	aagttaaaga	ctcagtctct	gagaaaacaa	ttggactgat	gcgaatgcag	180
ttttggaaaa	aaactgtgga	agatatatac	tgtgacaatc	caccacatca	gcctgtggcc	240
attgaactat	ggaaggctgt	taaaagacat	aatctgacta	aaagatggct	tatgaaaatc	300
gtcgatgana	gagaaaaaaa	tctggatgac	aaagcatatc	gtaatatcan	ggaactggaa	360
aattatgctg	aaaacacaca	gagctctctt	ctttacttaa	cactagaaat	attgggtata	420
aaggatcttt	catgccacat	catgcttgca	cgtcattatt	gnaanaagcc	ccnaangcat	480
ttgtccacct	gcntngaagc	gncaacaccc	ntnttccttg	gggaagcctt	tnnncaaaaa	540
ggcngttccc	ntttctccat	ggnnnttntt	ntcncnttgg	cctnccnttn	ggccgatttn	600
cactnacnna	angnaccttc	nnctttctcg	nnatggatat	cccaangngc	ttttnnaccn	660
nctcgnaccc	acnanctggn	taantctnac	atctgcaccc	nttctggccn	ccntcttctc	720
cggntcacct	anctccggan	ccaccnatct	cncncccat	tggtctctcg	aggnttcnct	780
ctnttnnctc	tctcacatna	tntantntng	cnnccnccct	ntnccgtnta	aatantcca	840
tntctctctn	cccnngntat					860

<210> 3470
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

<400> 3470

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ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaaag	180
caggctgaca	gtgtanagca	agctgtttat	tactgttaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaacntt	ttcancatnt	gncantactn	300
ttncatanta	caggcnggnn	aannnatcac	tcaatggggc	ntgtnnnenn	tangctctct	360
atnttctctn	cnntannenc	tgccancnnn	cttnnnnatn	nctnnnnnt	ntcnctnncc	420
cccttaattc	ccgntnnant	ngcanntnct	cnnanctanc	nacnanatg	nactcatatn	480
tttcacncnc	cctgccttat	tcatacaacan	nnnngntanc	gcatttnnct	cactctatnt	540
ctctctnnntn	ncnnntttnt	ntntcgatat	ctcttnnacn	cactacntnc	ctctctnact	600
ctcanantac	tcttntctct	ctactcttca	nacngtnntn	aancctctct	atctatcnca	660
cntnnnatat	acancacnct	ctctactanc	acacntctcn	catcagactc	tctctantc	720
acanacgata	ctncnctcta	ctnttaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnntca	ctnnccnato	cnnctatntc	gcattnnatnc	actcactent	tcnatnctta	840
tntntncncc	ntctctctnt	ntccnantga	ngatacatat	gtccanactc	nancnttcen	900
atcnnctcnc	tgctntttnt	cactntctcn	tntcaccntc	tannacatcn	tctctntcnn	960
acgttanata	caatacgctn	tntacctctc	tattntttntc	tgacacanat	ctcctcctca	1020
ccactcactc	tgntcacgta	tctgogaaca	ctacncantc	cgtctcacct	ntnanatcgn	1080
ctctacantc	tctnactact	actctctcac	tctctctctc	acancntnca	catctctctc	1140
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<210> 3471

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3471

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tctcacctaa	aggctaatag	ttttaagtaa	gtttcttttt	ctttttttta	tttaaaaatt	180
aaaaaatttt	taattaactt	tttttaaatt	aaaaaaaatt	attaattatt	tttaatatagac	240
aggatccttg	tatgctgtcc	aggctggctc	tgaactcctg	gtctcaagtg	atcctcctgc	300
cttggccttc	caaagtgtcg	gtattacagg	tgtgagtcac	tgacacctggc	caagtttatt	360
ttttctgtat	acatttcttc	agccacttca	atcaaacatt	taattaacat	gctataatga	420
atgacttttc	ttactaggct	aacaaatgag	gcacttggaa	acttacttta	gttacagcct	480
cactttcttt	ttttgngagg	aaattctgtg	ttgacatact	ctttaatttc	tttttacctt	540
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acatatagca	ttcttttagc	acataaatag	tttcatttgc	atagtaagcg	ccaggctttt	660
ccatcgaatt	ttgatnaaaa	taatccatgc	ttcatggtag	cttagagatg	ggatatttta	720
aggcctctan	aactan					736

<210> 3472

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3472

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actttgttac	atcaaaatat	gttgtctagt	aaaaagttga	tattcagtag	aacaaggatc	180
atgtaaataa	acatctatct	cacatgtacc	caaaagcatt	taaaaagcag	aatccagggc	240
ccagagcatg	agccagggag	gaggatgttt	ttcttctttt	ctctatcttt	ccctaaattg	300
tgcaaacata	ggtgagtctc	tttaaccttc	tgtgcctcag	tttttctacc	tctaaagggg	360
tgggatgggt	cttcaaattg	tttctaaaac	accggcactt	tcagcagtgt	tctgggtggc	420
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tttggtttta	aaagaaaggg	ttttatatgt	tctattgnaa	aatatggaaa	ttaaacaggg	660
acttcaagaa	agccgcacag	aaagatcacc	ttctgatggg	gtgatgggtg	tcctgacatt	720
cnggccgang	tctgnattct	gaaaaaagan				750

<210> 3473

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3473

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catcaaaata	tgttgtctag	taaaaagttg	atattcagta	gaacaaggat	catgtaaata	180
aacatctatt	tcacatgtac	ccaaaagcat	ttaaaaagca	gaatccaggg	cccagagcat	240
gagccaggga	ggaggatgtt	tttcttcttt	tctctatttt	tccttaaatt	gtgcaaacat	300
angtgagtct	cttaaccttt	ctgngcctca	gtttttctac	ctctaaaggg	gtgggatggg	360
tcttcaaant	gnttctaaaa	caccggcact	ttcagcagtg	ttcnggtggc	ctgagatgag	420
agcccgtgtt	cagaagtgcc	tgggagtggc	ccactgggaa	actccgcttg	cacngacct	480
ggagtctgct	cangacctgc	tgtnggacca	cacancctna	tgcgctgnga	aagcanaagg	540
aantgctggg	ngtaaaaagt	tgncattgat	ttccttngan	gccttttnaa	nncctcccnc	600
ttcttttttg	nnttttaaaaa	anaaaaaagg	ggtntnttat	cantggntcc	nnntttcggn	660
aaaaaantnt	tgggcaaaac	ttttnaaacc	naggggggnc	cttntccacg	caaaaagccc	720
cgcacccagg	nnaacngnaa	tttccccctt	tncnggnat	gggctcngtc	ggaaatgcng	780
ccttnectcn	ggaaccantt	ctcgggcccc	naannngtnn	nnggccnatt	tcncttgnga	840
aaaaann						847

<210> 3474

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 3474

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catcaaaata	tgttgtctag	taaaaagttg	atattcagta	gaacaaggat	catgtaaata	180

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aacatctatt tcacatgtac ccaaaagcat ttaaaaagca gaatccaggg cccagagcat 240
gagccaggga ggaggatggt tttcttcttt tctctatttt tccctaaatt gtgcaaacat 300
angtgagtct cttaaccttt ctgngcctca gtttttctac ctctaaaggg gtgggatggg 360
tcttcaaaant gnttctaaaa caccggcact ttcagcagtg ttcnggtggc ctgagatgag 420
agcccgtggt cagaagtgcc tgggagtgge ccactgggaa actccgcttg cacngacct 480
ggagtctgct cangacctgc tgtnggacca cacancctna tgcgctgnga aagcanaagg 540
aantgctggg ngtaaaagtt tgn cattgat ttccttngan gccttttnaa nncctcccnc 600
ttcttttttg nntttaaaaa aanaaaaagg ggtntnttat cantggntcc nnntttcggn 660
aaaaaantnt tgggcaaaac ttttnaaacc naggggggnc cttntccacg caaaaagccc 720
cgcacccagg nnaacngnaa tttccccctt tncnnggnat gggctcngtc ggaaatgcng 780
ccttnctcn ggaaccantt ctggggcccc naannngtnn nnggccnatt tcnctggna 840
aaaaann 847

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<210> 3475

<211> 694

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (694)

<223> n = A,T,C or G

<400> 3475

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atcttnggtt aattcagatt gagcanttaa agtttttgct atttaccttt gtgcaggctg 180
gcatatgcta atttgggggt ggtaaccaac cgattttatc tcatgtaagc attacatttt 240
gaagactgaa tatacttcac agcagatcaa acacatttat ggcatgcact gacctcttct 300
tgagagccag aacttttatag agttgcctac cagggtttac tgnatggaa tttatgatct 360
taagaaatta ctagtgtcat tatttatccc tatgattcat tcattcaatn aagcntttac 420
tgcataaact ttacatccng cactgtagct taagtncccc aaaaattgaa tngnanntaa 480
ttngtctntt cganaattgc ccaacgennn gcccaggcca ccggtggntt naccgctgt 540
nggtccccag cnttntctgg ggaangccn agcctnccg gancccnag ttcnnnaaaa 600
tccagacct ccttgntaa cnnccgtcaa aaccccggtc tnttantaaa aatncanaag 660
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<210> 3476

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3476

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tctttnttn ccttttcgnt cntgttcttt ttgcaggatc ccatcgatgc gttcaccatc 60
tatgtcctct ggacgtgggt ctccctccgc taccactgcc agctgtactc cgagtggaga 120
aagaccaacc agaaagtctg cctgaagatc cgggaggcgg acagccccga gggccccag 180
cattctccac tggcagctgg actcctgaag aaggtggcag aggagacacc agtatgaatg 240
ctgggtcttc cggaccctgc agcagagagg ccagaggtag ctggtgatac cctgtcctgt 300
ggaaggactt ccacttcaac acttccactt caacagttcc cgcacggcct gaacgcttct 360
taggccaaga gacaccatgc ggagcctagt ctgtgatcct gtgtgaagat attttcaggg 420
tttttttttt tttttgcata tggaggacag gtggacatgg tcctgagctc tggacggagc 480

```


angcaccctg	atctcattct	gaggtccaca	tggcaccttc	tgggccagca	gctgtggccc	540
ngtgtatcaa	agggcgcccc	ttaaagctgg	aacattccac	aagcttcttg	cgctttnttg	600
caccengcag	gcccactttc	ctggcaccct	cgantttata	taaaaagttg	ccctgcgttt	660
naaaaaaccc	acccctgaa	tgaattaaaa	nggagccccct	ggcttgga	aaanaaaac	720
atctnnct	nnntatcnc	naaaananaa	ccnnngcct			760

<210> 3477

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 3477

tntatatttt	tttccaancc	tttgctactt	gtctntttgc	aggaccatc	gattcgctgg	60
aaacctttac	cagaaagtga	cgggcaagga	ctgagatacg	agggcctgat	gggcaaacc	120
agcatcctca	cttaccagta	tgccgaggac	ctgatcaggc	gacaggcgga	gaggcggggc	180
tgggcgcgcc	ccatccggaa	gctctatgct	gtgggtgata	accctatgtc	tgacgtatac	240
ggcgccaacc	tgttccacca	gtacctgcag	aaggcaacgc	atgatggggc	gccagaacta	300
ggggcggggg	gcacacggca	gcaacagccc	tcagcaagcc	agagctgcat	ctccatcctg	360
gtgtgtacag	gcgtctacaa	tcccaggaac	ccacagtcca	cggagcctgt	ccttgaggga	420
ngggagcctc	cattccacgg	ncaccgagac	ttatgcttca	ntagggactt	tgaaatgggg	480
gaggcagtgt	ggaatactgt	ggatgtctgt	gcagagcctt	tgccggcact	gaaggcatgc	540
agcctgtcgg	cagagtgtct	taacaccag	atgcctactt	ttactgnat	ngtagtttat	600
tgcccgagga	tggtggggct	ttttttttta	aataaaaataa	tcataattaa	atgttcatga	660
aaananaaac	atnttcnaaa	aaacttcnag	cctctngaac	tntantngag	tccttatnac	720
ctncatncca	gancttgnta	aggattccat	tgatgaagtt	tn		762

<210> 3478

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1191)

<223> n = A,T,C or G

<400> 3478

tgttttgttt	ttgaaccctt	tttggnanc	ccgcaggatc	cccatcgatt	cgaattcngc	60
acggagaaga	ctttgggaaa	cacacattaa	aatattctca	tgcttttnaa	cgccagcgca	120
ccaagtagca	gnctcagcac	tttcaaagat	aaaaacaaaa	atgatggcct	taaacctaa	180
caggctgaca	gtgtanagca	agctgtttat	tactgtaaga	agtgcactta	ccgagatcct	240
ctttatgaaa	tagttangna	gcacatttac	agggaaacntt	ttcancatnt	gncantactn	300
ttncatanta	caggcngggn	aannnatcac	tcaatggggc	ntgttnncnn	tangctctct	360
atnttctcnc	cnntanncnc	tgccancnnn	cttnnnnatn	nctnnnnnt	ntcnctncc	420
cccttaattc	ccgntnnant	ngcanntnct	cnnanctanc	nactnanatg	nactcatatn	480
tttcaacnnc	cctgccttat	tcatcaacan	nnnngntanc	gcatttnnct	cactctatnt	540
ctctctnntn	ncnnntttnt	ntntcgatat	ctcttnnacn	cactacntnc	ctctctnact	600
ctcanantac	tcttntctct	ctactcttca	nacngtnntn	aancctctct	atctatcnca	660
cntnnnatat	acancacnct	ctctactanc	acacntctcn	catcagactc	tcntctantc	720
acanacgatc	ctnctctcta	ctnttaccga	ngnagtcncc	ntctccnntt	acttnaatnc	780
cacnnntca	ctnnccnatc	cnnctatntc	gcattnnatnc	actcactcnt	tcnatnctta	840

tntntnncnc	ntctctctnt	ntccnantga	ngatacatat	gtccanactc	nancnttccn	900
atcnntctnc	tgtntttntn	cactntctcn	tntcacntc	tannacatcn	tctctntcnn	960
acgttanata	caatacgetn	tntacctctc	tattntttntc	tgacacanat	ctcctcctca	1020
ccactcactc	tgntcacgta	tctgccaaca	ctacncantc	cgtctcacct	ntnanatcgn	1080
ctctacantc	tctnactact	actctctcac	tctctctctc	acancntnca	catctctctc	1140
tacctctcca	cgctntatac	atataacctcc	tncactcctc	tnanngtnnt	t	1191

<210> 3479

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 3479

gnntttannc	nnttgaaanc	cncnngctac	ttgttctttt	tgaggatcc	catcgattcg	60
aattcggcac	gaggcctgcc	agaatggaag	catacagatc	tgggaccgaa	atttgactgt	120
tcatcctaag	ttccactata	aacaggctca	tgactcgggc	acagacactt	tttgcgtagc	180
ttntttctta	tgatggtaaa	tgtncccttg	ctctcntgna	ngtgacgatt	cattaaantt	240
atgggacatc	cgacaattta	ataaaccact	tttttcagcc	tcgggtcttn	ccaccatggt	300
cccaatgact	gactgctggt	tcagtccana	tgataagctc	atagtcactg	gtcatctatt	360
caaagaggat	gtggcacngc	aaacttggtt	tctttgagcg	tangactttc	caaaggggtg	420
atgaaataga	catcacagat	gcnantggtg	ttcgctgcct	gtggcatcca	aagctgacca	480
gatcatgggt	ggaactggaa	atggattggc	taaagtctat	tacgtcccn	acaagagtca	540
gangggagca	anattatgtg	tgggtaaaaac	ccaacggaag	gcaaacaagc	tgagactcta	600
ctcaggacta	catcataccc	ctcatgcctt	gcctatgttc	gtgagccngc	cacggagtac	660
aaggaacagc	tggagaaaagg	canactggat	ccctgaatcg	cataaacctg	aacttctgta	720
ccaggcccag	ggcntgggtg	ccanttgga	cccacg			756

<210> 3480

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (737)

<223> n = A,T,C or G

<400> 3480

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taactaagat	ggtttctactg	gtgaattcaa	tcaaatattt	aaggaaacaca	taataccaaa	120
accataacac	atncaaant	atggcccttc	agattttgtn	cttcttttng	ggtcagtgtt	180
aataatacgt	atctttcaaa	gaatateccc	cttttttttt	ggtagagata	ggggttttgc	240
catgttggtg	gtagcaagcc	ctaaccctgt	cataaacagg	ccttaaataa	actggccata	300
aacaggattt	ctgcagcaat	gggacatgct	catgatggct	gtcatgcaca	ctgcgaaaag	360
ttgttggttt	actggagcag	ggcaagggaac	acctggcccc	gcccggagca	aaaaactgtc	420
aaaccacaaa	cgatagcagg	aaaggcctgt	gccttggcag	catgtttttg	ctgcagataa	480
tcagccagag	cctgtttctc	tgtctctcgc	tgagattgct	ttgtttccca	taaagattgc	540
ttttagctaa	tctacaatct	atagaacaat	gcttatcact	gctttctgtc	aataaatgtg	600
tggttcaagc	tctgnttggtg	gctctcagct	ctgaaaaaaa	aaaaaaaaaa	aaaaactcga	660
gcctntaaac	tntgngagtc	gnntacctan	atccagacnt	gataggatcc	atgatgagtt	720
tggncacccc	ncactng					737

<210> 3481
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (760)
 <223> n = A,T,C or G

<400> 3481

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gattcgaaca	tatgcagtta	ttccactaaa	tgatgaatgt	gggattattg	aatgggtgaa	120
caacactgct	ggnttganac	cctantctgg	ccnaactatt	ttaagaaaan	gggngtggtt	180
tttgaacagg	aaaagaacct	tcgcccgggtg	gtatgcctcc	aaangcagca	actttatctg	240
gaaaactcaa	angtattccg	agaattttctt	ctgnccaggc	atcctcctat	ttttcatgan	300
tggttttctga	gaacattccc	tgatcctaca	tcatggtcag	tagtagatca	gcttactgcc	360
gttccactgc	agtaatgtca	atgggttggtt	atattctggg	gcttggagac	cgtcattggtg	420
aaaatattct	ctttgattct	ttgactgggtg	aatgcgtaca	tgtagatttc	aattgncttt	480
tcaataaggg	agaaaccttt	gaaagttcca	gaaattgngc	catttcgcct	gactcataat	540
atgggtaatg	gaatgggtcc	tatgggaaca	ganggtcttt	ttcgaaaaca	tgtgaaagta	600
caatgangct	gatgcctgat	cancgagagc	ctttaatgag	tnctttaaag	acttttctca	660
tgaaccntt	ggggaatggg	gtaaaccatg	naangggcnt	tccaaacgcc	ccttgaatga	720
aacctggaaa	aattgncaat	gaaaaggcca	aancnttnt			760

<210> 3482
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (752)
 <223> n = A,T,C or G

<400> 3482

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gctggggagg	cctcacaatc	atgggtggaag	gcaaggaggt	gcaaaaccat	gtcttcacat	120
atgggcaagg	caggaaaaac	cntgtccagg	ggaacctcca	nttattaaac	cnntcaaact	180
tcattgaaga	attaatcact	taccacgaga	accagattgg	gggaaccatt	cccatgaatc	240
aattattctg	cacctggccc	caaccttgac	acgtgggaat	tattcaatgc	cagggtgaga	300
ttgggtgggg	acccatccaa	ctatgtcaag	tatgttttga	cttctggctt	gattgctang	360
tttgcataga	ngacaaacat	ggaaattaat	gaagtacctt	aatatctggc	ttcagatctt	420
agacaggatc	aganggccag	ctcaaatttg	caaggagggg	aggtagatcc	caccatttta	480
tgggctatgg	caaaatcaaa	cagaaattat	gtgggatggg	agatctgatg	cangcatctt	540
tggaaacatc	tacttagcta	attttatgct	aggctttagg	tcaagaagga	gagaaaaagc	600
tgcattgctgt	ggtacacact	tattgtccca	ncgacttggn	aaactnangc	aggangattg	660
cttgatccca	agaatttgan	gtaatgtgcc	aagaaccgtc	ttngnaatag	ccctaccctt	720
gaactcaact	tgggcaacat	tganaaaccc	tn			752

<210> 3483
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3483

gnnnnnnttnn	nnnttttaan	ccttttagcta	cttggttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagaggcgt	ccttgcgga	agggcatttt	agctgaggct	ttggagtacg	120
aataggagct	cagcaggcag	acgaaatgaa	ggaantaaag	gtcagaagaa	aggtcagaag	180
cttgagtgc	gttttgga	tccacccgt	tttatttgg	agaacttggg	gggtcaaaag	240
ggccaggc	ctcagaattt	gaggcccaca	cagtggagtc	tgggtggggt	gaaagggacc	300
caggaaccga	ggcgttcagg	aaagcagggt	gtcagagcta	tgtggagtct	gtgggtggca	360
ngggcaaccg	ctccagcctt	tgaagacttt	gaaagccaga	gattcctgcg	cangcttgga	420
cttcctggga	gtcctccaa	gtacccaagg	gcatcagagc	tgctgggtg	ttacatggcc	480
caaggaacc	aggttcangg	taggacaggc	aagaccagat	cccaatgtgc	aaagtga	540
cactgggctc	ctgttaaag	atgaagaatt	caagacagt	acagcattac	gtcaccctg	600
gggacaaang	tcaacctaag	gtgacacacg	gggactactg	tgctttcgga	ngctncctgt	660
gtcctggagg	anaaaagctt	tanagggggc	aactggacaa	cttccacttg	caaaattcca	720
accttgcttg	ggcaaggnc	cngnctggga	ctnaacattt	ttgatatgcc	ttaaaaatta	780
ttt						783

<210> 3484
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(733)
 <223> n = A,T,C or G

<400> 3484

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gagaaccgaa	gctagaattg	ctattgaatt	actttatttt	ctcttcctta	ttgggtagag	120
atacatcatt	actggcctca	ggggtttacc	caaagaaagg	gtatttttga	gcaaataatg	180
tgatttcctg	gctattttgt	tgggggctta	agattttttt	ttttcaaagt	catttttagt	240
cactaaaaat	taactgtcgt	accatctaga	actatactgt	ccagtaccat	agcctctagc	300
cgtatgtagc	tatttgtatt	aagattaatt	gaaattttta	atccagttcc	tcagtcacac	360
tagccacttt	ctaagtgtc	agtagctctg	tgtgaccagc	ggctactgta	ttggatatta	420
tagaagggtc	tttcattcaa	gatcatcatt	cttgacagac	ccataaatat	ttcctataaa	480
gactgtagaa	gtgtgttctg	gagggtttgc	tctccaaaaa	gaattgta	atagagtaga	540
attgggatag	agtattgaag	acactgggtt	tagacattgg	atattttaat	gattggngg	600
tctaatactg	tgctgcaact	gagttatcta	gngatatgac	ctcctgcttg	ccaaagccng	660
aattnaagca	ggattcctga	atctatctta	aaattgcaat	gaaaaccttt	tccctaaaat	720
atcccttttg	ttaa					733

<210> 3485
 <211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 3485

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ttgatagcca cagccctttg tctttctggc agtgggtctc agtctgattt gaaggatgtg      180
ggccagcaca gcaggagagg agggggacac aagccttcgg gaagagcctc catccagtca      240
ctcggtctt taaggcaggg tgccatacta agcagcttgc ctccaggaat tgctctgaag      300
agaaatcccc acaaacctcc atcctaaagg aaggtaacag gggacacaag cttggatttc      360
cgacctgtag tgtctccagc aaatgggggt gaaggagtcc cgagtggatc aggatgatga      420
tcaagatagc tcttcttgaa gctttctcag aacattgctg tcagactgac tttaagacag      480
ctgattcaga ggtaaacaca gatcaagata ttgaaaagaa tttggataaa atgatgacag      540
agagaaccct gttgaaagag cgttaccagg angtcctgga caaacagang caagtgggag      600
aatcagcttc caagtgcaat taaagcactt cagcaaagga gagaaganga aatgaagaat      660
cccaggagat attaaaggct atcaggatgt gacaattaaa ccgggaagaa acaaagaaga      720
agattgagaa agagaanaag gagtttttgc aaaagganca ggactgaaag ctgaaatgaa      780
aaactttttg aaaaggccaa aggtan                                           806

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<210> 3486

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (792)

<223> n = A,T,C or G

<400> 3486

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gnnttttann nnnnttttat nnatacaagc tacttgttct ttttgcagga tcccatcgat      60
tcgaattcgg cagcaggcat aacgaacctc accctcagag gtttaccag attcaaaaaca      120
cgaaactgac catgaaaccg ggacgggcat ttgggtcaag tgcgggtnc agtctttggg      180
aagggtgtct tcgggcaacc cacttctttc aaccaatttt cacaagtggg aacaattggg      240
gcgggccttc cgtcgtgggc ccccttcggg ggcttgacac taatgggaca gaagctctcg      300
gtgcccgaag gattgcctgc caganggact tgaccacagc ctggttgga actgctctgt      360
ggaggacctc caggactgag actgggctct ggtttccaag ggtcttcaact aggcccccta      420
ctacacctgg aagtttcaga acccactttg gggggcctcc tgcttggaag ggctcttcaa      480
gtgtggccct ctttgagatc aacctnctt tccgaccccc tccccctagc ccagccccag      540
tcactgtcan ggtcgggcca acccctgcac tgccttgcan antggcctgg gctaggtcac      600
ttcacctntc tggcctaatt tcccccttg agtccctaag gcctggaagg tgggaagtat      660
gtctangggg caatgtcttt ttcangggga attctaactn ttgggaaccc ccttggtcca      720
aggggaagggn aaccttttcc attcaacatt gtaggggcna agctttgtgc gccccctgtt      780
aggancaaac cn                                                              792

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<210> 3487

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3487

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tcccttggnn nnnnnnnnnn ttnnannata nagctcttgt tctttttgca ggacccatcg      60
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aatatttaag gaacacataa taccaaaacc ataacacata caaatatatg gcccttcaga      180
ttttgtactt ctttttgtgt cagtgttaat aatacgtatc tttcaaagaa tatccccctt      240

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```

tttttttggg agagataggg ttttgccatg ttgttggttag caagccctaa ccctgtcata 300
aacaggcctt aaataaactg gccataaaca ggatttctgc agcaatggga catgctcatg 360
atggctgtca tgcacactgc gaaaagttgt tggtttactg gagcagggca aggaacacct 420
ggccccgccc ggagcaaaaa actgctcaaa ccacaaacga tagcaggaaa ggctgtgcc 480
ttggcagcat gtttttgctg cagataatca gccagagcct gtttctctgc tcctcgctga 540
gattgctttg tttcccataa agattgcttt tagctaactc acaatctata gaagcaatgc 600
ttatcactgg ctttctgtca ataaatgtgt ggggtcaagct ctgtttgtng gctctcagct 660
ctgaaaaaaa aaaaaaaann nnnnnnnncc tcgagcctnt aaaactatag ngagtcgtnt 720
tacgtanatc cagacatgat aaganccatt ggtgagtttg 760

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<210> 3488

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3488

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tcgaattcgg cagcaggtcc aggcctcctt ctgatggcca acccaccctt aatgctggcc 120
agtctatctc acacaaaagt ctaagtcttc cagggtgcat agtaactcca tagtctcctt 180
aaatcccttt ttgaaatttt tcaacatagt tcctagtggg atgggcttac tttgtgctg 240
acccatgttt tctcaagaca aaacaccatg gcaggaacag ccacttgcac ctgggtcccgg 300
tgccacactg cgggtgcttg tgtggttggt gagcctgtcc ctgcgcgcct tgctcccgtt 360
gagccacgct gtctgggtgg tgattctctg cctgagccac caccctggac tggccagtct 420
ccagagctgg caccacctgc tgttttctct ttttagacac aacagccgca gtttggcagc 480
cactaagtcc caccagctga ggtccgagga aagcggggtg actcatttcc cttgtcaggg 540
cccgaggaga gtgaggtgtc cagcctgcaa agctattcca gctncttggg gttggttgca 600
ataaattggg atttaacaaa caaaaaaaa aaannnaaaa aaaaaaaact cgacctntaa 660
actatagtga gtcgattact anatccagac atgataagat ncatgatgat ttggacaacc 720
cacttgaatg ccntgaaaaa atgtttnttt nn 752

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<210> 3489

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3489

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cgtntttttn nncnannnga aagcccttgg ctacttgntc tttttgcagg atcccatcga 60
ttcgaattcg gcacgaggat cagccacact cggcctcaca aagtgnctggg attacaggcg 120
tgagccacct tgcccacca catcatacag ttgaaatgaa actttgccac aaccagcctt 180
tgctgtacac acacatatat cactgaacct ggttgaaata aagntttttt tcttttctct 240
ctgggtattct ggggttctgaa gtctgggtatt ctgggtattct ggggttcaaaa gtatgacttg 300
agagtgttgc tctgggtattc tgagagttgc tctgtattct ggggttctgaa gattatttga 360
aaaataactc ctactacatt gaaatgcaga cttaaaaatt taaacattgg attaggcagt 420
caaaaaaacc aagcaagcat aaaaggtcaa taagttgtaa tcttgatagt aaagggtggaa 480
aacttattat aaatggaaag aaagtttatt tccttttttg gttgatgggc agtatgccat 540
attataccca aagttctttt aaaaaatatt tccatcacca tttttattta aaataaacat 600

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ttgaggggaag	taccaaggca	gcttttttcc	tcaaaagtac	ctggtcctct	ttgggaatag	660
cacattttan	gggcattggg	taatcctgag	atcttactca	ntaaatcctg	atgggtactgg	720
gtgtaaaata	tcttttagtn	gattgaaggc	cttgnggggg	a		761

<210> 3490

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3490

gnnnnnnnnn	nnnnnnnttt	gaaannccct	tntnnnnnnn	ngnnntttann	cnnttgaana	60
cnanagctac	ttgttctttt	tgcagatccc	atcgattcga	attcggcacg	aggcaaggcg	120
ccggggggaca	cggttggtgc	gttttcggcg	ggcttccggg	tcaaaaatgg	ctggggcttg	180
cgaattctnc	tggtgctactn	cgtaggcana	anggccantt	tggtcccccga	agttctgggn	240
gtcgaaattc	ggccgggacgg	gaagcttang	atatccacca	ccacaaattc	caaaaatgat	300
gtgatgatca	gaaaaagaag	cttatgtgcc	caagaatgta	atgggaaaga	actgaagaga	360
attattgatg	acagtgaat	tacaaaagaa	gatgatgctt	tgtggcctcc	cctgataggg	420
gttggtccga	caggagcttg	aaattgtaat	tggagatgag	cacatatctt	ttaccacatc	480
aaaaataggt	tctcttattg	atgtaaatca	gtcaaaggat	cctgaagcct	tcgagtattt	540
tactatttgg	tcaagacttg	aatgttttag	ttttcaatct	tattggatta	cacttcaaga	600
ttaaaccaat	ttaaattgna	tgttttcang	ctggttgnat	atttaattaa	gggatgggaa	660
gggttatttg	gcatttacag	tattgggggt	tttatgaatg	tgaagcaaac	aaaaaaaatt	720
tgtatgtaaa	ctggaaatta	ggaaaatccn	ttaccaagct	taatgggtat	ccttacttga	780
gtccacatgg	gttggcagtc	cccan				805

<210> 3491

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3491

gnnttttaaan	cnntttttnt	nnnanacagg	ctacttggtc	tttttgccag	atcccatcga	60
ttcgaattcg	gcacgaggcc	tgggaaagcg	tggcgcccat	gaatatccgc	aggagcacgc	120
atgacctggg	gggccatgga	cgggatgggt	tgtaccccg	ggggggtaaa	cgaacgggta	180
gcttncaacc	ttcaacttcc	attcgangaa	agtacaaacc	ccgangganc	aacaaagtgg	240
gggtgggccc	attcctggca	ttgtttcaac	ccgggcgcaa	gcaagtgtgg	ggttgtgggc	300
gggtgcttgg	aagetgcttc	aatttccccg	nccgncatcc	ttccccgacg	cttgtcccg	360
ggccctccac	caagcctctt	gacccaccta	ccaccagaag	ccttgacagc	ttccacatgc	420
cttaaggggg	accgtggccc	ccaccagggg	acgtcctgcg	ccatccgttc	acgtctcttg	480
catcattcct	tcatgtcttt	atttagttgn	ttatttattt	aagttattta	tcttattgag	540
aggtgaggag	tgccacggct	gcccgtttac	acctttagcg	tctggtcctn	ctgcgtgtcc	600
tcccttcaact	ggctgcatgg	ggggcccggg	gagtgacaag	cnggggcctt	accggcccaa	660
ggcccggtgc	ctgctnaaac	cttgcanagt	gtggagcaag	aggcctgggt	ctttcnaaca	720
ctgcagaccc	acttgaattt	gcacatgcgg	ggtcccggga	aggtggggaa	caagtgtcct	780
tctgtcgtcn	nnntgcccng	tgcca				805

<210> 3492
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 3492

ggctactnngn	nngtntttgn	angcnntttt	nantatacag	ctacttggtc	tttttgcagg	60
atcccatcga	ttcgaattcg	gcacgaggna	atgacattca	tgccagttct	tccttgaatg	120
gcagaagcac	tgaagaagta	aagcccattg	gtgaaaacct	ggggccaaac	tgggaaatct	180
gntggttgnc	ttccccang	ntttaaagga	gatcaatgtn	gaaanggtan	cnggattcaa	240
catttggnca	agccgattca	agaacagtga	aagttattgn	ggatcttatg	ggaccaatct	300
ggggccaagaa	gaagtctttt	agacagcttt	acgtccaaca	atgggaccca	tttcaagtat	360
tacttgggtg	ggcattccag	tcaacccatg	gaaaattctg	gatttcgtga	agatattcaa	420
gtacctcctg	gaaatggcaa	cattgggaat	atgcaggtgg	ttgcagttga	aggaaaagg	480
gaagtcaagc	atggaggaga	agatggcagg	aataacagcg	gagcaccaca	ccgggagaa	540
caggcgagga	aactgacgaa	ttctctaata	ttagaagang	aaagangaca	taggatgcaa	600
cactttgagc	gaaggaacca	aggcccggca	ggtgggaant	ggangtgatn	ggganccctt	660
gggcttcgac	cagaaggtcc	cgangcagcc	tcaatgacca	natcgctcgc	tgctgatgaa	720
actgcaggag	gacatgcnna	atgtccttta	aagactgcag	aaactggnaa	ccctactgnt	780
tttcaggcna	aaaaa					795

<210> 3493
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3493

gcttgnctnc	tnccttttca	aatngctngg	ctactngttc	tttntgcagg	atcccatcga	60
ttcgaattcg	gcacgagagt	ggctggataa	aaggatgtgt	gggaaagaac	tgagttgaaa	120
ttaggagtta	gaattttatt	ctttggtact	aaggaatcat	tgaagatttt	aaaattaggg	180
ctgacataat	cagatttgag	tttgggaacc	tatagtttgg	gactggagga	agacagggtgc	240
cagacaccag	ttaaaaagct	gttattttct	aagcagtaga	caaaggttta	caactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaagggtgt	aaacaactaa	360
atcttgtgat	caaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420
gttgagttgg	tggattaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaagg	caaccattag	taatatTTTT	tgaagttccc	tacctgggta	atTTTTTcaa	660
taaaaaactn	aggttctcag	gttagcnaga	atcatgggtct	taggaagggt	ancttgttaag	720
acccaaaatt	atnt					734

<210> 3494
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3494

gnnnttnann	nnnnttttan	nnnatacagg	ctacttggtc	tttttgagg	atcccatcga	60
ttcgaattcg	gcacgagcac	catcgaatat	ttttatttat	tttgagagac	agactctgtc	120
accagggcta	gtcttaaact	gttgggtgaa	tcttaagtga	ttctcccacc	tcagcctccc	180
aaagtgcctg	ggattacagg	gcatgagcca	ctacccttgg	ctgtgatcaa	gtatttttagt	240
ctgttggtta	aatgtttact	aaatagtctg	aagtagagaa	aatagcacc	aatctaaaat	300
aaggtgaggt	ctagtcactt	atttaaactt	acatttttaag	ctatagttaa	ctattagttt	360
aaacttttaag	acaggtaatt	ttcatgctgc	agacaatcta	agggcattat	taaaatgttt	420
gttcttcctt	atctcagaat	tgaagtatgt	cagaagcaag	acttttcttt	ccattttgtt	480
atagtagaaa	tgcatacatt	aacagggtacg	tttttagacat	tacacgtgct	catctgcccc	540
aaagctctaa	tgagctgcct	taccctggaa	tggttttctt	agcttggatt	tgcttttttg	600
gagggattaa	gaaaagactt	ggctgggctg	tgggactcat	gcctgtaatc	cacantttgg	660
gaaccnagcg	gtggatcatg	angtcaggag	atggagacca	tccggctaata	acggngaacc	720
cccgttttta	ctgaaaatcc	aaaaattact	gggcgtggng	gcggcn		766

<210> 3495
 <211> 872
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(872)
 <223> n = A,T,C or G

<400> 3495

nttananttt	naaaaacccc	ncttntnttg	gcctnacctt	ncggttttct	tttttttttg	60
gccaggggna	atnccccca	tnccggnatt	tcccggaaaa	tttccgggnc	caccggaagc	120
cctgggggaa	aaaatgggaa	aaaatttnat	tnattttttt	ncaaccccc	atttaggnnt	180
angcccaaat	ttaaaaaaa	aggaaaatta	ccttccaagt	taaantance	gttantnggg	240
gaaatanctt	acctttaagt	tccaataaaa	aaaaggggga	aatggaaaaa	taaatggggc	300
attttttgga	ngcaanccct	ggggantggg	aaaactgggg	angaaccatt	anttcttaaa	360
agtggaaagt	aaccttcaag	ggaaaatggg	aaaaacaaaa	ccggtcgggtg	gtggttcttc	420
actcttttaa	gtggggaagc	taaagcttgt	ggagggaccc	aaagggccta	agaaatgata	480
caatgggact	ttgggagactc	aggggaaagg	gtggggaggg	cggtagaggga	taaaacagtg	540
ccactgggtc	agtgtcactg	cttggtgatg	gctgtccaaa	atctcagaaa	tcaccctaaa	600
gacttattca	tgtgccaaac	tcctgtccca	aaccttttaa	aaaaatgcgc	catcccccca	660
tggaaataaa	gtcaacagcc	tgcaagagcaa	aaagactggt	tagtaactta	aaatattcca	720
aaagagactc	ctcatgccta	ctagttcact	ctgaatctat	caaacacgta	aaggaatttg	780
gttcacacca	ccaccacccc	caatcttnac	aatctntgag	aaacagagaa	ganggaattc	840
caactccttg	tgaggcagct	tcctgtcca	tg			872

<210> 3496
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 3496

tntctnaatn	tgntnnncgna	tcttgaggac	ccatcgttca	attccgnncc	naggggggna	60
ctncccntac	tccntggatg	tgtgtaccta	gcacacttcc	ttctcccacc	cctttttcca	120
gttggtattg	tttttctgtt	ctcttctgtc	ctgtottata	ctgcaactgt	gtctcctagg	180
ggacagatgg	ccttctttgt	catcttcact	ctccaccccc	agagaggagt	cagagccata	240
actcaatcac	tcagcccctc	caaagatagt	tgatgtgtga	taatctcata	atggtgagaa	300
ccctgatgag	atacattgtc	ttcctctccc	tacaatgcct	ctggggccaa	ggcaccatt	360
cttcttgcta	tcctccatcc	cccttgaggc	ttccactttt	ttttttttta	gacataaagc	420
tgggcatcag	caactggcct	gtggtgatgc	aaagctgctt	tgctctgnat	ctggctggac	480
tgatctgtct	cacaagaagc	catgaggcca	tagggagaag	ctccctctcc	ccttcatctt	540
ctgctccaaa	ggtgggtan	agaggagtac	ccagttaggg	gttgagagccc	ccatatnaca	600
tcttcctgtc	agaagactga	tggatctttt	tcattccaac	catctccctt	ttccccgat	660
gaatgcaaat	naaacttttg	tgacaccagc	aaccattg	tccttanaat		710

<210> 3497

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3497

nntnnnnntn	tgaaancctt	nggctacttg	ttcttttttg	aggatcccat	cgattcgaat	60
tcggcaogag	attctctcaa	taatggccag	ccgaaaagta	cgcgctgcca	ggcatctgcc	120
tcgcgggagt	cattaaactc	ccacagtgg	cacccactg	ctgatgtaca	gactttccag	180
gcaaagcgcc	atattcatca	acaccgtcag	tcttactgta	attataaac	tgagggtcag	240
ttagaggcca	atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	300
cagtttgtga	cacctccg	gatgaggaga	cagttctcag	caccaatct	caaagctggt	360
cgagaaaccc	agtataaatc	agttctggac	aaacttgaaa	tcatggtgga	agaaacagac	420
agtggttagct	catgatttga	tttggttcta	cctttggcct	tgagttctta	ttatttacat	480
tataaatatt	aactggtttt	atattgntaa	gacaaaacac	tggtaaaagt	ttcaacacct	540
cccttttgct	tgtataccat	aaatgggcag	nttctgaaat	tttgataaaa	gcatacagaa	600
ctcctttttc	tgaaacgttc	ctnctttttt	agtgccta	taataactt	acttaccng	660
gannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	aaaaactcgg	cctttaaaat	720
ataggggggn	gnnttacnna	aatccaann				749

<210> 3498

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 3498

gnnnnnnnnnn	nnnnntttt	nannnnnnnn	tnntnnnnnn	nnnnntttt	aaaaacagct	60
cttggtcttt	ttgcaggatc	ccatcgattc	gagactactg	actctacgct	taaaaattat	120
taagatggca	aatttcatct	tggttttttt	taacttaaaa	aaactacata	taagatagtt	180
ttgcctgttt	tcaggtttct	tttcagtgtt	ttaggtattc	agtattttaa	tcacaaaatt	240
tgtgatttga	acattttttt	cttccttcat	gagattttta	gtggattgat	acttgctttc	300
cattctgtcc	cgatgtctga	cctttgtaat	gtaaagaaga	acattttgtt	taattgagag	360

aagtctgctg	tgttcttgtt	gatagaggac	catcctagag	ttgggagtgc	tgtctgcaca	420
gcaacaaacc	cagagtctac	tttggatcac	cttatatagt	tcatgagtaa	tcagcagatg	480
cctttccttt	ctatgtctct	ctctcagtga	aaggcactgt	ttcttccact	tggtgaggaa	540
tggcctaatt	ctcattgtct	gtaacaggaa	tgtacaact	gctcaaattg	taccatztat	600
catatttggg	aaggtcttgc	cttagtcttg	cctgttcaat	tataaaagga	aagaagacgt	660
aaaagatgta	gagttgtctg	ngtgattttc	ccccattat	gtcagaagag	gccttaagaa	720
aactaatacc	ccccacaaat	atatcttttt	agattttctat	tatatatttn	gncttatcaa	780
ga						782

<210> 3499

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 3499

atacagctct	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	aggttgcttt	60
caaaagacac	atatcaccat	agtacatgta	ataacacaca	taggctcaaa	gtaaaggggt	120
ggcgaangat	ctgttntgca	gatggaaaaa	aagatcaggg	gtcactattc	ttgtttcaga	180
taaaacagac	tttttaaatc	aacaacagta	gaaaaaggac	tagggcatta	cataatgaag	240
aagggttcaa	ttcaacaaga	tttatcctat	cacacccaag	attggagcac	tcagatttct	300
aaactattat	ttctagacct	aggaaaagaa	ttaaaccggc	acataataat	agtggggggac	360
ttcaaacacct	actgacagt	gttagataga	tcatcaaggc	agaaaactaa	caaattctga	420
acttaaatc	aacagttgac	taattgaacc	taatagacat	ctacagaata	ctccaccac	480
caacaacaga	acatactttt	ttctcatgtg	cacatagaaa	atactctaag	attgaccaca	540
tgttttgtca	caaagcaaat	ctcagtaaat	tcaaaaaaga	ttgaaatcat	accaagcatt	600
tcagactaca	gcatagtaaa	aatgaaaatc	aacaccaggg	agaaactctc	aaaacatggn	660
aactnaacaa	cttgctnctg	natgactttt	tgggtaaata	taaaaatang	gcttccttaa	720
ccctttttgn	aacaat					736

<210> 3500

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3500

gnnttnnnnn	nnnnntttt	nanntantgc	tcttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggtcaa	ctctccttgg	tgagtgcctc	agaacttagg	aaaagagaac	120
agcgcatgtc	tctctcatga	agatgacaga	ggacaaaagc	aagcagaaat	atacaaggat	180
ttgcgtnctc	tattatgaat	ttctctttga	gaaataatac	ctgtgagaat	gctgctcctt	240
caattagggt	caggattgga	ggaaaaatca	tataaaatag	gttcctgcaa	taatattgcc	300
ccttgagtat	gggtgggctt	gtgacctgct	cagtgcctaag	gaaatgcagt	ggaaatgatg	360
ctgtgtaact	tctgaggcca	agttataaaa	gatcatgcat	cttttgcctt	gttagtttgc	420
tgacgcctga	tatggagcac	tagaaagaaa	ttatttttcc	aagcatcaac	ccggaagtcc	480
cagcataccg	agggtggcag	acatcatttc	ttcaatgaac	ttagtattta	gaaagatatc	540
ttcactccaa	gcatcaagtc	ttttctgtcc	tgcaaaagtc	ttaagtcaaa	ccagaatccc	600
tagtagaggg	cacctttgga	ttcaacagta	aaaggagaat	ctacaaaacc	agctcatcaa	660

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aaggggcagt gatgggtata gaacctgnct tacttaagtt caagcaatga ttaatctagc 720
ttccctctgg tggatgactg angnctttgc ct 752

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<210> 3501
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (752)
<223> n = A,T,C or G

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<400> 3501
gnnttnnnnn nnnnnntttt nanntantgc tcttggttctt tttgcaggat cccatcgatt 60
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agcgcatgtc tctctcatga agatgacaga ggacaaaagc aagcagaaat atacaaggat 180
ttgcgtntctc tattatgaat ttctctttga gaaataatac ctgtgagaat gctgctcctt 240
caattagggtt caggattgga ggaaaaatca tataaaatag gttcctgcaa taatattgcc 300
ccttgagtat ggggtgggctt gtgacctgct cagtgcctaag gaaatgcagt ggaaatgatg 360
ctgtgtaact tctgaggcca agttataaaa gatcatgcat cttttgcctt gttagtttgc 420
tgacgcctga tatggagcac tagaaagaaa ttatttttcc aagcatcaac ccggaagtcc 480
cagcataccg aggggtggcag acatcatttc ttcaatgaac ttagtattta gaaagatata 540
ttcactccaa gcatcaagtc ttttctgtcc tgcaaaagtc ttaagtcaaa ccagaatccc 600
tagtagaggg caccttttga ttcaacagta aaaggagaat ctacaaaacc agctcatcaa 660
aaggggcagt gatgggtata gaacctgnct tacttaagtt caagcaatga ttaatctagc 720
ttccctctgg tggatgactg angnctttgc ct 752

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<210> 3502
<211> 737
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (737)
<223> n = A,T,C or G

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<400> 3502
tacagctctt gttctttttg caggatccca tcgattcgaa ttccggcacga ggaaaacatc 60
taactaagat ggtttcactg gtgaattcaa tcaaatattt aaggaacaca taataccaaa 120
accataacac atncaaatnt atggcccttc agattttgtt cttcttttng ggtcagtgtt 180
aataatacgt atctttcaaa gaatatcccc cttttttttt ggtagagata ggggttttgc 240
catgttggtt gtagcaagcc ctaaccctgt cataaacagg ccttaaataa actggccata 300
aacaggattt ctgcagcaat gggacatgct catgatggct gtcatgcaca ctgcgaaaag 360
ttgttggttt actggagcag ggcaaggaac acctggcccc gcccgagca aaaaactgtc 420
aaaccacaaa cgatagcagg aaaggcctgt gccttggcag catgtttttg ctgcagataa 480
tcagccagag cctgtttctc tgctcctcgc tgagattgct ttgtttccca taaagattgc 540
ttttagctaa tctacaatct atagaacaat gcttatcact gctttctgtc aataaatgtg 600
tgggtcaagc tctgnttggt gctctcagct ctgaaaaaaa aaaaaaaaaa aaaaactcga 660
gcctntaaac tntgngagtc gnttacctan atccagacnt gataggatcc atgatgagtt 720
tggncAACCC nactng 737

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<210> 3503
<211> 738
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3503

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gctctgctgg	tccagaaagc	agcccaggcc	tttaactccg	ggctgctgtg	tgtggcatgt	120
ggttcatacc	gacggggaaa	ggcgacctgt	ggtgatgtcg	acgtgctcat	cactcaccca	180
gatggctggg	cccaccgggg	tatcttcagc	cgcttccttg	acagtcttcg	gcaggaaggg	240
ttcctcacag	atgacttggt	gagccaagag	gagaatggtc	agcaacagaa	gtacttgggg	300
gtgtgccggc	tcccaggggc	agggcggcgg	caccggcgcc	tggacatcat	cgtgggtgcc	360
tatagcgagt	ttgcctgtgc	cctgctctac	ttcaccggct	ctgcacactt	caaccgctcc	420
atgcgagccc	tggccaaaac	caagggcatg	agtctgtcag	aacatgccct	cagcactgct	480
gtggtcggga	acacccatgg	ctgcaagggtg	gggcctggcc	gagtgtctgcc	actcccactg	540
agaaggatgt	cttcaggctc	ttaggcctcc	cctaccgaga	acctgtctgag	cgggactggg	600
gacccatggc	ttgggggtgc	tgangaaagc	ccanttggac	tggctacccc	ttctggccac	660
ccagtacttc	cttcagcctt	aactgggtga	acttgccggt	tcaaccacca	actttctnag	720
cgagcanggg	ccaaggct					738

<210> 3504

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 3504

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aatatattaag	gaacacataa	tacccaaaacc	ataacacata	caaataatag	gcccttcaga	180
ttttgtactt	ctttttgtgt	cagtgttaat	aatacgtatc	tttcaaagaa	tatccccctt	240
tttttttggg	agagataggg	ttttgccatg	ttgttggtag	caagccctaa	ccctgtcata	300
aacaggcctt	aaataaaactg	gccataaaca	ggatttctgc	agcaatggga	catgtctcatg	360
atggctgtca	tgcacactgc	gaaaagttgt	tggtttactg	gagcagggca	aggaacacct	420
ggccccgccc	ggagcaaaaa	actgctcaaa	ccacaaacga	tagcaggaaa	ggcctgtgcc	480
ttggcagcat	gtttttgctg	cagataatca	gccagagcct	gtttctctgc	tcctcgctga	540
gattgctttg	tttcccataa	agattgcttt	tagctaattc	acaatctata	gaagcaatgc	600
ttatcactgg	ctttctgtca	ataaatgtgt	gggtcaagct	ctgtttgtng	gctctcagct	660
ctgaaaaaaaa	aaaaaaaaann	nnnnnnnncc	tcgagcctnt	aaaactatag	ngagtcgtnt	720
tacgtanatc	cagacatgat	aaganccatt	ggtgagtttg			760

<210> 3505

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3505

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ctacatgttg	caagagaaaa	actagcagat	gttctttggc	agccctgtca	ttcagctatt	180
attgctaaag	cactagggtgg	gaatcattat	gaaaatttcc	atcctcaaat	agaaaggaga	240
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gcttgtgatt	gtattttgtaa	gttacttttg	atctaaacta	cacagaccga	agttaattgg	360
aattggggtg	tctccttatg	ggaactggaa	gtattttgac	agctttacca	catttcttca	420
tgggatatta	taggtattct	aaagaaaacc	atattaatcc	atcagaaaat	tcaacatcaa	480
gtttatcaac	ctgttttaatt	aatcaaacct	tatcattcaa	tgggaacatca	cctgagatag	540
tagaaaaaga	ttgtgtaaag	gaatctgggt	cacacatgtg	gatctatgtc	ttcatgggga	600
atatgcttcg	tggcataggg	gaaaccccc	tagtaccat	tgggggattt	catacattga	660
tgattttgca	aaagaaggac	attcttnctt	gtatttaggt	agtttgaatg	caataaggaa	720
tgattggtcc	agtcattggc	tttgcaactg	gatctctggt	tgctan		766

<210> 3506

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 3506

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gaggagaggc	tgtctgcctt	tatgaggagc	cagtgtctga	attgctgagg	agatgtggga	180
attgcacacg	ggaaagctgt	gtggtttcct	tttacctttc	agctgaccat	gaactcctga	240
gccccaccaa	ctaccacttc	ctgtcctcac	cgaaggaggc	cgtggggctc	tgcaaggcgc	300
agatcactgc	catcatctct	cagcaagggtg	acatatttgt	ttttgacctg	gagacctcag	360
ctgtcgctcc	ctttgtttgg	ttggatgtag	gaagcatccc	aggagattt	agtgacaatg	420
gtttcctcat	gactgagaag	acacgaacta	tattatttta	cccttggggag	cccaccagca	480
agaatgagtt	ggagcaatct	tttcatgtga	cctccttaac	agatattttac	tgaaggaatc	540
taggttgat	tttcagtgg	caatgggaat	aaagcatttc	taaagcaccg	actggagagg	600
aaggcaacag	aaacaaggag	agaagcccg	gagacatgtc	tgcgtgctgc	cacgcactctg	660
ancgattgct	cttgtgaaga	gtttgtcact	gaacattttc	aggggagggt	gtttaccag	720
cnatgtntn	aacan					735

<210> 3507

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (735)

<223> n = A,T,C or G

<400> 3507

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agataatgtc	tttaataaat	ggtgctggga	aaactggntn	tccantntgc	agaagaatga	180
aactagaccc	ccatctctta	gcataataca	aaatcaaat	taattaaaaa	gttaaattcta	240
agacctcaaa	ctatgaaaca	gctaaaagaa	aacatcgggg	aatctctcca	ggacattgga	300

gtgggcaaag	atctcttg	taatacctga	caaacaggca	accaaagcaa	aagtggacaa	360
atgggatcac	atcaagttaa	aaatcttctg	cattgcaaag	gaaataacaa	agtgaagaga	420
cacccataga	atgtgagata	atatttgcaa	actatccatc	tgtattagga	catttttgaa	480
gtctacaaag	aaataacttga	gactgagtaa	tttataaaga	agagggttaa	ttgggtcacg	540
gttttgacag	ctgtcaggaa	gcatgggtgct	aacatctgat	cagcttgtag	ggaggcatca	600
ggaagtttcc	acccatgggtg	gangcaaaag	gggaataagt	ttctccatgg	caggtgcagg	660
gcaaaaanan	gggggaagg	aagtgccnca	caaccagatc	ttgtgagtn	tcagatttgn	720
ggngggngct	tgngg					735

<210> 3508

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3508

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ctccagttcc	tgggttcaag	ccatccctcc	tgcctcagcc	tccccagtag	ctggaactac	180
aggtgtgtgc	catcacacct	ggctttacat	ttttctgtgg	ggtcttacta	tggtgcccag	240
gccggtctca	aactcctgag	ctcaagtgat	cctctgcctc	agcctccaga	gtatctggga	300
ttacatatgt	cggctaccgt	gtctggccgt	tcacatcttt	ggccactatt	tgcttgtaga	360
aaggtataat	gaggtggtac	ttatcatttt	tactgngtct	catgttttgt	atatttttgt	420
ttcatcaact	aagatgcact	gtaacatctc	tgaaatctgg	atatattatc	aatggtttat	480
catagttttg	ttagcaatac	actgtctttt	agtgggtgct	aaaataatgg	tatagttgtg	540
aggtgatctt	agatttgatg	aagcacagta	tgcaggtagg	cctaattggg	gaagatggta	600
atataaaagc	aagaagtatt	ttttttttgt	aatgactgaa	agctgtctgt	ggatgacct	660
cccttttctt	taaacacgat	tntntcactt	ncaactncaa	acttgctcaa	ctaattcttt	720
aaaaataact	tgagc					735

<210> 3509

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3509

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cccacgatt	cgaattcggc	acgagggata	ttcattaccc	tgagaatgaa	atgacctgca	120
attcgaaaat	cagctgtatc	agttggagta	gttaccataa	gaacctgtta	gctagcagtg	180
attatgaagg	cactgttatt	ttatgggatg	gattcacagg	acagagggtca	aaggtctatc	240
aggagcatga	gaagaggtgt	tggagtgttg	actttaattt	gatggatcct	aaactcttgg	300
cttcagggttc	tgatgatgca	aaagtgaact	gtgggtctac	caatctagac	aactcantgg	360
caagcattga	ggcaaaggct	aatgtgtgct	gtgttaaatac	agcccctctt	ccagatccat	420
ttggcttttcg	gctgtgcaga	tactgtgtgc	cctactatga	tcttcgtaac	actaaacagc	480
caatcatggg	attcaaagga	caccgtaaag	cagtctctta	tgcaaagttt	gtgagtggtg	540
aggaaattgt	ctctgcctca	acagacagtc	agctaaaaact	gtggaatgta	gggaaaccat	600
actgcctacg	ttccttcaag	ggtcatatca	atgaaaaaaa	ctttgttaggc	ctgcttncaa	660

tgagattat atagcttggt gaagtgaata taactctntt tcctgtccta taaangactt 720
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<210> 3510
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3510
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 ttggncgagg agtaaangtc gcttnttngn ncntttantt cactncaaata nganaaanga 180
 antnccagtt tcctgacang cccaacccan tgctngggcca gttcctgagt ccacttaata 240
 tatttaagag gaaaagatct nggaccacag gagaatggcg tggattgacc taccagatta 300
 tgaccatgta gaagatgaac tttttcctcc tttccacctn cagcctntcc agagagacaa 360
 gatggtgaag gaactgagcc tgatgaagag tcagggaaat ggacacctgt tcctgtcctn 420
 caaagagaac agttaaaga aatntcccaa gctggatgct cagagattaa tttcagagag 480
 aggacttcca gccttaaggc atgtatttga taaggcaaaa ttcaaaggta aagggtcatga 540
 ngctgaagac ttgaagatgc taatcagaca catggagcac tgggcacata ggctattccc 600
 taaactgcag tttgaggatt ttattgacag agttgaatcc tgggaagtaa aaaggaagtt 660
 canatgaagt tgcngagaat atgacatgag gccttctact gaatagatcc tttctgacaa 720
 cttattgaaa gtganatggt gcttctgagt a 751

<210> 3511
 <211> 736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

<400> 3511
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 ctgtgctagg ctctgcaaat gctaagaggg ggaagttact gtccctgctt ccaaggagat 180
 catgggtcta gtgggaaacc cgacacgttc aggtaccttc agatgggcac tcagaagagt 240
 aagcccttag ttaatgttta aagatgttta aagatgtctg agactcatag gtcaaagtca 300
 gatttcagtt ccaccttatt agacctgcac tgctaaggag ctgctttagg taaggctgtg 360
 ttcttagtca ccagggtggt caaacacagt gctgggggca atgtgggaat agccttcttt 420
 tatttaggaa gtaatgtgaa gtcagtttca tgaatagatc ttactttaag cattcattga 480
 gggttttggc aagaatagag taccgtatat gaagggtgtt cctaactctnc ctgcaccagg 540
 aataatctag ggctcattan agatgtcaaa gatctggtct agtttcttaa cctaaaacaa 600
 gagtgtttta attccatttt ataggcgggg agtctgagcc aaacatgtta tgtcactttt 660
 ccaagcttca tancacaaaa gtcttctgtc ttcccatcct gacttttcca cttcataggg 720
 actgtcaag gcagcn 736

<210> 3512
 <211> 772
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 3512

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ccatcgattc	gaattcggca	cgaggagaag	ctgacgggca	tgtggtggaa	acngctggtg	120
gcccggcgca	gtggcaggtg	cccgtgtcac	ggacaggcac	ggccctctg	gaccgcttaa	180
aggtcttcat	gcagggtccat	gcctcaaaga	ccaaccggct	gaacatcctt	ggggggcttc	240
gaagcatggt	ccttgagggg	ggcatccgct	ccctgtggcg	cggcaatggt	attaatgtac	300
tcaagattgc	cccaggtcaa	ctatcaagtt	catggcctat	gaacagatca	agagggccat	360
ctggggcagc	aggagacact	gcatgtgcag	gancgcttcg	tggctggctt	cctggctggt	420
gccacaaccc	aaaccatcat	ttaccctatg	gaggtgctga	agaccgctg	accttncgcc	480
ggacgggcca	atataagggg	ctgctggact	gcgccaggcg	tattctggan	aggggaagggc	540
ccgtgccttc	taccgcggta	cctcccaacg	tgctgggcat	catccctatg	cggcatngac	600
ctggccgcta	cnagactctg	aanaactggt	ggcttaacan	tacaagccac	gactcggaaa	660
accaagcatt	ctctgcttct	ggctgcggac	catatcaaca	ctgcggcaaa	tagccantta	720
cccgttggcc	ttgtccggac	ccnatcagcc	aaccgtggta	ttccataaca	an	772

<210> 3513

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3513

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atccctcgag	gcgaattcgg	cacgagctac	acagttccca	ttcnttacct	taacnttgta	120
ctgagagaga	cccaggtctg	acctgtatag	cagtttgagt	cgaggggctg	tcaaaggggt	180
tgccaaagtc	atctaaagga	cttggcacca	gaagtagcat	tatgacttng	gatccacttc	240
tttatagacc	aatattggca	gccatgaagc	tgcttgtcct	gggtgcggaa	ttcagtttta	300
gtggctgaat	gcacagacag	caggaagaga	gaatagggga	caatgaacaa	cagagagaga	360
agaaatgcag	tgtgtagggg	acctgcaggt	ggtaacagtt	gaaactcata	tcaatgatct	420
tgctatttta	ccactccatg	tgctactct	ggctgtctaa	tccagcagta	accagtattg	480
nattctaggg	ccttccccaa	attggagcta	cccccagaat	ttctcangct	tttaattcct	540
gaaaatcttt	taaactaaaa	cttctangtc	agttgtcccc	aggggaactg	aggctgtttc	600
tacctgctgc	attgtcagca	aaacttgcta	catgctaatt	attccacttt	cagtgaagca	660
atcaatgagt	gacagtagga	aataactttg	anagttgggt	ggttcctaac	atggcctctt	720
aataatggaa	atgagaccaa	attgggggacc	taatnttgcc	aaggaanaat	ggnnaggt	778

<210> 3514

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 3514

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ctgagagaga	cccaggtctg	acctgtatag	cagtttgagt	cgaggggctg	tcaaaggggt	180
tgccaaagtc	atctaaagga	cttggcacca	gaagtagcat	tatgacttng	gatccacttc	240
tttatagacc	aatattggca	gccatgaagc	tgcttgtcct	gggtgcggaa	ttcagtttta	300
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tgcttattta	ccactccatg	tgcctactct	ggctgtctaa	tccagcagta	accagtattg	480
nattctaggg	ccttccccaa	attggagcta	cccccagaat	ttctcangct	tttaattcct	540
gaaaatcttt	taaactaaaa	cttctangtc	agttgtcccc	aggggaactg	aggctgtttc	600
tacctgctgc	attgtcagca	aaacttgcta	catgctaatt	attccacttt	cagtgaagca	660
atcaatgagt	gacagtagga	aataactttg	anagttgggt	ggttcctaac	atggcctctt	720
aataatggaa	atgagaccaa	attggggacc	taatnttgcc	aaggaanaat	ggnnagggt	778

<210> 3515

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 3515

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gacacacctg	ccaactgcac	ctatcttgac	ctgctgggca	cctgggtctt	ccagggtgggg	180
ctccagcggt	tcccagcgcg	atgtcaactg	ctcggttatg	ggaccacaag	aaaaaaaaag	240
tagtgggtgt	accttcagaa	gctggataca	gcataatgatg	accttggcaa	ttctggccat	300
ttcaccatca	tttacaacca	aggctttgag	attgtgttga	atgactacaa	gtgggtttgcc	360
ttttttaagg	atgtcactga	ttttatcagt	catttggttca	tgcagctggg	aactgtgggg	420
atatatgatt	tgccacatct	gaggaacaaa	ctgggtatta	aatagagcat	ctgttgaggg	480
actcttttaa	aaccacagcc	atgaacagac	gttgggggcta	agagacagac	agcctgcgac	540
agtgtggacc	tacctgtagc	agctagcaaa	ggcctctagc	agctacagtc	ccttctggag	600
tctttatttg	catgcaaaat	gcaaaggagt	cctgggtgacc	tactccaagc	actgcccttc	660
tgaacactcc	ttggaaaaaca	gtaaacaatca	ttttggaatg	tgaacaacca	gagactnccc	720
aggagaaaagg	aaaaaaaaaat	tntgaagatg	caaaatcttg	ggtggcttca	ccgtcaattt	780
ttaa						784

<210> 3516

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 3516

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gctcagcaga	aagtcaggac	agcangagga	ggaagaaaaan	gaaggaaang	aaaaacncag	180
gaancntaaa	aggcttagga	ncttangaaa	cntgcaggcn	ctgaagtgga	attggaaaaa	240

nccaaaaccc	caanccccang	aaaangagtc	aanganganc	aangntaaga	gaaggagaag	300
gagaaggatg	acaaaaangt	gaatctgcct	gtgtaaaagg	cagatttttt	aattgcttaa	360
tactaagtca	tctgttttnaa	atttggtata	tgtaagagat	tcaagccttg	naatatgaca	420
tggaagaccc	tgtgctgcac	ttaaataatgc	ttgcttgatt	atttgatttt	acatcagagc	480
tttataacac	gaactttttgt	ccagaattgt	gagttgtgcc	atgttacatg	aganggtttt	540
gctagggcct	attatttttta	ccaccattaa	ttagttgggg	tggagtttac	tgtaatgtga	600
aatttcccat	ttgaattttt	aatggctggc	aaagctgntt	tagtcttaaa	ttcancggat	660
gattgctgaa	tcattncacc	ctgtatgtcc	ttttggntnc	atnaaagttt	cagtaacttt	720
caaaaaaaaa	nnnnnnnnnn	nnnnaa				746

<210> 3517

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3517

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cggcttttcc	tccgctctc	tggaacggg	tccggcttag	taaaaactat	gagaaagcac	180
tggaagcaat	agatgaaaat	ctgatttact	ggccccgttt	cattcgacac	aatgtaagc	240
agagattcac	caagatcacc	caatcctaata	tcgaattaga	aaacttcact	aaagcgacag	300
aggaaaacttg	ttcctttgag	taagaagggtg	gagcgtaggg	agaaaagaag	agaggaaaag	360
gcattaatag	ctgctcagct	ggacaatgcc	attgagaagg	aattactgga	gagactgaac	420
aagatacgtg	tggcgacatc	tacaacttcc	cattcatgcc	ttcgacaaag	ccctggaaca	480
acaggaggca	gagagtgact	cttcagatac	tgaggaaaaa	gatgatgatg	atgatgatga	540
ggaagatgtg	gggaaaagag	aatttgtcga	agatgggtgag	gtagatgaga	gtgacataag	600
tgattttgag	gatatggata	actggatcca	gcagtgatga	agatcaggat	ggtaaatacct	660
ccatgaggag	gaggaagaaa	aggccttatg	cgaacacaaa	angcnaaatg	cccttganag	720
gncttgcgga	naaaccaacc	tnttggaat	ngaatncaac	nggagacaaa	cccgtgg	777

<210> 3518

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3518

taannnatac	agctacttng	ttctntttga	agcncttttn	ananatacan	gctacttggt	60
cttttttgca	gatcccatcg	attcgggcct	ccccaccct	gctgcacacc	tacactgaag	120
gaaggctatt	tgcagatgca	gcaagaangc	agccatctgc	aaggcagaag	aagagaccct	180
caccaggaac	tgaataagtc	agtcagtctg	ggacttccac	ctctagaact	gtgaaacaat	240
aaatttctgt	ggtgtaagca	actcaatcta	tagtagtttg	ttactatttt	gttatagcaa	300
caaagatga	ctaaccagac	aggttatgtc	actcgccaag	tgtcttggtc	tgtttggtct	360
gctataacaa	aataccttag	actgggtaat	ttacaaacaa	cagagatgta	tccagagatc	420
cacagttctg	gaggctgaga	agtctaaaat	caaggcacca	gcagattcca	catctcgtga	480
aggctcactc	tctgcttcac	agatggcact	gcttgctgtg	ttctcacatg	gcagaagggg	540
caaacaagcc	cccctgggcc	tctttttataa	aggcactaac	tctatgccta	aangcagggc	600

cctcatgact	ctatcaccta	ccaaaaggct	tcacttcttt	atactattgg	angggtagaa	660
ngaacttcct	ttctagacct	tgaaagggtta	agaaatttga	atctattaaa	caagctgaca	720
atngacagat	taacaggaga	aaaagcntat	acatttttta	atgtgggcca	aatggcaaaa	780
gcttaaata						789

<210> 3519

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 3519

tatagnatca	gctcttggtc	tttttgccag	atcccatcga	ttcgaattcg	gcacgagcga	60
ataaagcaga	aaaggagaga	tcgctgaagg	aaaagtctcc	gaaagaagaa	aaactgagac	120
tgtacaaaga	ggagagaaaag	aagaaatcaa	aagaccggcc	ctcaaaatta	gagaagaaga	180
atgattttaa	agaggacaaa	atttcaaaaag	agaaggagaa	gattttttaa	gaagataaaag	240
aaaaactcaa	aaaagaaaag	gtttataggg	aagattctgc	ttttgacgaa	tattgtaaca	300
aaaatcagtt	tctggagaat	gaagacacca	aatttagcct	ttctgacgat	cagcgagatc	360
gggtggtttc	tgacttggtc	gattcatcct	ttgatttcaa	aggggaggac	agctgggact	420
cgccagtgc	agactacagg	gacatgaaga	gcgactctgt	ggccaagctc	atcttgagga	480
cgggtgaagga	ggacagcaag	gagaggaggc	gggacaccgg	ggccgggaga	agcgagacta	540
cagagagccc	ttcttccgaa	agaaggacag	ggactatttg	gataaaaact	ctgagaagag	600
gaaagagcag	actgaaaagc	ataaaagtgt	ccctggctcc	tttcggaaaa	ggcaagaaga	660
ngagagagtc	cncaaagccc	ggccgggacag	aaggacccct	ggaagctgca	aggancncag	720
ggaccgcagg	gccaaccnna	ggaggtgccc	cggaggactn	aat		763

<210> 3520

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 3520

tnannnannc	annnnnnnnn	nnnnntttga	agccattgct	acttggttct	tttgccaggat	60
cccacgcatt	cgaattcggc	acgagagcaa	ttccactcct	agctccaccc	acaggaaaatt	120
gaaagcaaaag	acgcaaacag	atgcctgtgc	accaaagtgc	acgggcaagc	atccttcggc	180
cttaattgggc	agcattccgt	cgtcacaagc	gggcattcat	cctttcatca	atagcgggca	240
gcattccgtc	gtcacaagcg	ggcagcattc	ctttcgccac	aagcgggcag	catcttggtc	300
gtcacaagcg	ggcagcatcc	ttcgccaaag	cgggcaagca	tccttcgtca	tagcggcagc	360
atcctttgcc	atagcgggca	aggtggaaac	cctgtccatc	cactgaggcg	tgcatagact	420
aaacatggcc	agtccaggca	ctggaatcca	ggcccgtaga	acggcgccca	cgggtcaaaag	480
gaatgagacc	ctgatgcact	gggcgacaca	gacgggcgac	acagacttgg	agacatcatg	540
ctaagtgaag	agccaggcac	acggagcgga	cggcggtgat	ctgctcacgt	gatgtgtccc	600
gaatgggcac	gttcagaggg	aagaaggagg	atggcgcttg	ccggtgcccg	gggacnnggg	660
ttgggagcga	cgggttgctg	tttgggggtt	ctttctgggg	tgangaantg	gttttgatat	720
ttggnccggt	ggtgatgttt	gcatacctct	gaatatgctt	aaganccaca	gaattgacca	780
ctttaaatgg	atgaattgna	tggtattggg	aattacccaa	n		821

<210> 3521
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3521

gmnntttnt	tttnnnntn	anagnaaaan	ctttttgcta	cttgcctctt	ttgcaggatc	60
ccatcgattc	gaattcggca	cgaggagaag	ctgacgggca	tgtggtggaa	acngctggtg	120
gcccggcgca	gtggcagggtg	cccgtgtcac	ggacaggcac	ggccccctctg	gaccgcttaa	180
aggtcttcat	gcagggtccat	gcctcaaaga	ccaaccggct	gaacatcctt	ggggggcttc	240
gaagcatggt	ccttgaggga	ggcatccgct	ccctgtggcg	cggcaatggt	attaatgtac	300
tcaagattgc	cccaggtcaa	ctatcaagtt	catggcctat	gaacagatca	agaggggccat	360
ctggggcgagc	aggagacact	gcatgtgcag	ganccgcttcg	tggctggctt	cctggctggt	420
gccacaaccc	aaaccatcat	ttaccctatg	gaggtgctga	agacccgctg	accttncgcc	480
ggacggggcca	atataagggg	ctgctggact	gcgccaggcg	tattctggan	aggggaagggc	540
ccgtgccttc	taccgcggtg	cctcccaacg	tgctgggcat	catccctatg	cggcatngac	600
ctggccgcta	cnagactctg	aanaactggt	ggcttaacan	tacaagccac	gactcggaaa	660
accaagcatt	ctctgcttct	ggctgcggac	catatcaaca	ctgcggcaaa	tagccantta	720
cccgttggcc	ttgtccggac	ccnatcagcc	aaccgtggtg	ttccataaca	an	772

<210> 3522
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 3522

aaacagctac	ttgttctttt	tgcagggatc	ccatcgattc	gggagaaatg	ctggccacag	60
atggtgctgc	ccaacaggcc	cataccactc	gttccagtca	gaggtgcttg	gcctttgtgg	120
gatgaatggt	cgttggttca	aatcaagctt	tttccaaatg	aacaaganca	ctggncctta	180
ccatattttg	gcaaggatcc	gaaatcaagg	gttcttcttt	caaagtgcct	gccaggggga	240
atcttgaaag	aagggtaccc	cttgcaacaa	aacctgggtc	cctgtaaacc	ctcttcttga	300
agggaaatccc	ctgcttgccc	cacttggcat	tttccaaagt	tgcccttcct	caagaatgta	360
ttaaaccctcg	aaccagggtg	cttgtcttgt	gcccaagacg	atcttgggaa	acccggcccc	420
atgggatctg	tacttgantg	cttgctgagc	ttcaccactc	gagagtgttac	ctctggagtt	480
cantgatgac	ttggatggtg	tgggtgatgg	tatgcantgt	ctncttaact	ttgctttttg	540
atccttcact	aacccttgaa	gatcatttan	tcaaagaaat	tgcttgaaga	cacantggat	600
attttgggcc	anatgcaaat	ggctggagat	nggtgcagat	cccanggatc	tcgaaattct	660
gagaaagctt	ttgnaccatt	ggcttaaaat	ggattggcta	ctgcaaatgg	gaagccagaa	720
ccacttttat	tanttgatag	tttgggggaa	catttacttt	ggtggattna	aattctcgtc	780
tttaaaagaa	gtatttctga	acatntttaa	caaaaaaan			819

<210> 3523
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3523

taaanaatca	gctcttgttc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagcggg	60
actggtacca	ccgcatcgac	cccaccgtgc	tgctggggcg	gctgccgttg	cggagcttga	120
cgcgccactg	gtacaggacg	agaacgtgcg	cggggtgatc	accatgaacg	aggagtacga	180
gacgaggttc	ctgtgcaact	cttcacagga	gtggaagaga	ctaggagtcg	agcagctgcg	240
gctcagcaca	gtagacatga	ctgggatccc	cacttggaca	acctccagaa	gggagtccaa	300
tttgctctca	agtaccagtc	gctggggccag	tgtgtttacg	tgcattgtaa	ggctggggcg	360
tccaggagtg	ccactatggg	ggcagcatac	ctgattcagg	tgcacaaatg	gagtccagag	420
gaggctgtaa	gagccatcgc	caagatccgg	tcatacatte	acatcagcct	ggccagctgg	480
atgttcttaa	agagttncac	aagcagatta	ctgcacgggc	aacaaaggat	gggacttttg	540
tcatttcaaa	gacatgatgt	atgggggatta	gaaagaactc	aagacactcc	tgcttgatac	600
agaacaaaaa	gagcttaaca	ggaccaacan	ggcttaaccc	agacttgacg	taacagaaat	660
gtgccaatag	gtaataggta	attttctttc	tctgacttgg	tttggtttct	ttgaaataac	720
actgttgtgt	nggctngaaa	nggaaaaaaaa	aaaaaaaaaa	aaaan		765

<210> 3524
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3524

gnntttnaaa	nnnncagntc	ttgttctttt	tgcaggatcc	catcgattcg	ccaggctagt	60
cttgaactcc	tggcctcaag	caatcctccc	acctcggcct	cccaaagtgc	tgggattaaa	120
ggcgtgagcc	accgtacctg	gcccttggtg	gaatctttag	ggttttctat	tcatacatat	180
aaaatcatat	cattggcaaa	cagagataat	tttacttcct	cctttccaat	ttggatgcct	240
tagatttctt	tcccttgcc	aactgctctg	tctagaactc	ccagcactat	gctgaataga	300
gtggcaagag	caggcatttg	ccttgttcct	aaccttagag	aaaaatcctt	cagcctttta	360
ccattgagga	tgatgtttgc	tggtagtttt	tcataaatga	tctatatcag	gctgaataaa	420
tttctatttc	taaaaaaaaa	aannnnnnnn	nnnnnnnnnn	nnnnnnnaaa	aaaaaaaaact	480
cgagcctnta	nactatagng	agtcgtatta	cgtagatcca	gacatgataa	gatncattga	540
tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	gctttatttg	ngaaattggg	600
gagctattgc	tttatttgna	accattntaa	gctgcaataa	acaagttaac	accaccaatt	660
gcttcattta	tggttcaggt	cagggggagg	tttgagggtt	ttttaattcg	cggccgnggg	720
ccaatgcatt	gggcccggtc	ccaactttgg	tcccttttag	gng		763

<210> 3525
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3525

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ggnnnntttnn attatacagt tcttgccctt ttgcaggatc cctcgattcg aattcggcac      60
gagggtggcta tccatcaaca taagtaaaaa aaaaaaacac tttnctccct cccccattta      120
gattatttat taacatatatt taaaaatcag atgagttcta taaataattt agagaagtga      180
gagtatttat ttttggcatg tttggccac cacacagact ctgtgtgtgt atgtgtgtgt      240
ttatatgtgt atgtgtgtga cagaaaaatc tgtagagaag aggcacatct atggctactg      300
ttcaaataca taaagataaa tttattttca cacagtccac aaggggtata tcttgtagtt      360
ttcagaaaag cctttggaaa tctggatcag aaaatagata ccatggtttg tgcaattatg      420
tagtaaaaaa ggcaaactct ttcacctctg gctattcctg agacccagg aagtcaggaa      480
aagcctttca gctcacccat ggctgctgtg actcctacca gggctttctt ggctttggcg      540
aaggtcagtg tacagacatt ccatgggtcca gagtgctcag aaactcaaga taggatatgc      600
ctaccctcag ctactcctgg tttaaagttc agctctttga gtactcttca attctttcag      660
gacacttggg tgggaattcag taagtcttct ntgaacaccc tgaanggtgc catccttaca      720
gactaantgg agacgtttcc agatcagccc aagtttacta tagag      765

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<210> 3526

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 3526

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tttttaana aancaggntt cctaattcctt gttntnnnga nacaggctac ttgttctttt      60
tgcaggatcc catcgattcg aattcggcac gagattctct caataatggc cagccgaaaa      120
gtacgcgtg ccaggcatct gcctccgagg agtcattaaa ctccacaggt ggtcacccca      180
ctgctgatgt acagactttc caggcaaagc gccatattca tcaacaccgt cagtottact      240
gtaattataa cactggaggt cagttagagg gcaatgcagc cacttcctat cagaagcaga      300
ctgacaaacc cagccactgt agccagtttg tgacacctcc gcggatgagg agacagttct      360
cagcacccaa tctcaaagct ggctgagaaa ccacagtnta aatcagttac tggacaaact      420
tgaaatcatg gtggaagaaa cagacagtg tagctcatga tttgatttgg ttctaccttt      480
ggccttgagt tcttattatt tacattataa atattaactg gttttatatt gttaagacaa      540
aacactggta aaagtttcaa cacctccctt ttgcttgat accataaatg ggcagtttct      600
gaaatttttg ataaagcatc aagaactcct ttttctgaaa cgttccctct tttttagtg      660
ctaattaata tacttactta cacggaannn annnnnnnnn nnnnnnnnnn nnnnnnnnnn      720
nnnnnaaac tcgnnccttt aaaactatag gngtgcgttt acctaatcc aann      774

```

<210> 3527

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 3527

```

ggnnnntnnnt tnnnnnnnnnt ttttaana ancagctact tgttcttttt gcaggatccc      60
atcgattcgc tcgagtnncn aggagacgtg cagctgtcca aggctctgtc ctatgccctg      120
cgccatgggg ccttgaanct ggggcttccc atgggagctg atggcttcgt gccctggggc      180
accctcctgc agntgnccca gttccgaggc ttntntgctg aagatgtgca gcgcgtgggtg      240
gacaccaata ggaagcagcg gttcgnctg canntggggg atcccannac tggnetnta      300
atccgggcca accaggnca ttcctgcan gtacctag tggagctgat gccctggag      360

```

```

acaccgtagg ccttgcncgg atgctagtcc atggtacatt ctggaagcac tggcatccat 420
cctactcaaaa ggctgtcct gccanggaag gacgcacatt cacctgcccc angactgcct 480
ggagaccccc gtatcatcan tggcatgcgg tcccattnng aaatagctgn gttcatcgat 540
ggacccctgg ctctggcaaa tgggaataccc ttctttcgtc tgccaatggg gtgatantga 600
cttcanggaa tactgatggc ttctacttcc caagtacttc aangaggccc tgcagntacg 660
ccctaccgaa accccttcc ttgnntgggt atgaaaagac acaatgtaat agtncccnaa 720
cccantttca ganaaaggag gaggatccaa cattaaatat tanttataaa aagaattta 779

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<210> 3528

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3528

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gnntttgaaa nccctttttg atnccctcttc tacttgttct ttttgcagga tcccatcgat 60
tcgaattcgg cagcagggttc ttcaaagcca accnagacag gcttagcagt tttagagctt 120
cagaacaaat tgccaaaagc cagagttgtt tatgctagtg caactggtgc ttctgaacca 180
cgcanatgg cctatatgaa ccgcttggca tatggggtga ggggtactcc atttagagaa 240
tcagtgaatt tattcaagca gtagaacgga gaggagtgg tgccatggaa atagttgcta 300
tggtatgaa gcttagagga atgtacattg ctgcacaact gagctttact ggagtgcct 360
tcaaaattga ggaagtcttc cttcttcaga gctacgttaa aatgtataac aaagctgtca 420
agctgtgggt caattgccga gagcgggttc agcaagctgc agatctgatt gatgctgagc 480
aacgaatgaa gaagtccatg tggggtcagt tctggtctgc tcaccagagg ttcttcaaat 540
acttatgcat agcatccaaa gttaaaaggg ttgtgcacta gctcgagagg aaatcaagaa 600
tggaatgt gttgtaattg gtctgcagtc tacaggagaa ctngacatta gaagctttgg 660
aagaggccgg ggagaattga tgatttggtc actgccaaag ngtgttcag cactcattga 720
aacatttcc tgttcanaca ggaaaacttt ntagttacta ga 762

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<210> 3529

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3529

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gntttnnnnn nnnntttnt nntacagct acttgttctt tttgcaggat cccatcgatt 60
cgcaggcgta ctgacagggtg gaccagcgga ctggtggaga tggcgacgt ctctctgacc 120
gtgaattcag gagacntcc gttaggantc ttgttgnacg nnnancncgt naaaaaacna 180
gtagnnttt ccgttgaana agggaaagag antnttcttn atgtttctga aaatgtgatn 240
ttcacagntg tgaattctat acttcgttac ttggctagag ttgcaactnc agctgggtta 300
tatggctcta atctgatgga acatactgag attgatcact ggttgagtc agtgctncaa 360
aattatcttc atgtgattcc ttacttcta caattaatga actcaatcat tgctgtctc 420
tgagaacata cttagttggg aaactccttg agtttagcag atttatgtgt ttgggccacc 480
ctaaaaggaa atgctgctg gcaagaacag ttgaaacaga agaaagctcc agttcatgta 540
aaacgttggg ttggctttct tgaaccagc aggccttnca gtcagtaggt ccaagtggga 600
tgtttcaaca ccaaagctcg agtggcacct gagaaaaaca agatgttggg aaatttgttg 660
agcttnacag tgccgganat gggaaanggt accggcagat ttctccaaa ggccatgggt 720

```


acttacacat tgggcattcn aaaactgntc ttntgaccac actaccaggt

770

<210> 3530
 <211> 786
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3530
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 gcccgaggag cggagcagag gcacccaggc agcctgcgcg gagaaattgg atcggcgggg 120
 acggcctgca gctcccgcgc gcggggaaaag ggaagaagtc ctcccntaca aagcaaattc 180
 ncaaacttgg aagaagcant ttacacagga tgtgcagatc tcaatggaag gacacgggaa 240
 acgtgaaaaa gcaaggaagt ggggacgcct ccaaaggaac ccagtaattc tccagcaaca 300
 gatccccatc caaaagaaat tcaagaaatg tcatatagag aattgtggaa actgatttta 360
 accaagatta gagggattca agagacttct gaaaaagaaa gtaaggaaat gtcaacagca 420
 attctggata tggttgaggt atttaccaac cagatacaga gttttccaga gcacatggca 480
 aatgtggaac tgaagaaatc actggatgaa atccaaagta tactcgaaag cttcaatgat 540
 agactagatc aagcagaaaa aaaactctta aaacttaaaa tcttgaagct tttactcaat 600
 tcaaataattt aatgggttgt ctctggccat tcangtgaac aaaatctgct ggggttaattn 660
 tttttttttt tgaaatggga tnttcgcttc tgtcgcccac gcttggaatt ccattggccg 720
 ggaccttngg nttactgnaa gcttccgctt ccagggttnac gccatttttc cttgcttaan 780
 cttctn 786

<210> 3531
 <211> 786
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 3531
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 acggcctgca gctcccgcgc gcggggaaaag ggaagaagtc ctcccntaca aagcaaattc 180
 ncaaacttgg aagaagcant ttacacagga tgtgcagatc tcaatggaag gacacgggaa 240
 acgtgaaaaa gcaaggaagt ggggacgcct ccaaaggaac ccagtaattc tccagcaaca 300
 gatccccatc caaaagaaat tcaagaaatg tcatatagag aattgtggaa actgatttta 360
 accaagatta gagggattca agagacttct gaaaaagaaa gtaaggaaat gtcaacagca 420
 attctggata tggttgaggt atttaccaac cagatacaga gttttccaga gcacatggca 480
 aatgtggaac tgaagaaatc actggatgaa atccaaagta tactcgaaag cttcaatgat 540
 agactagatc aagcagaaaa aaaactctta aaacttaaaa tcttgaagct tttactcaat 600
 tcaaataattt aatgggttgt ctctggccat tcangtgaac aaaatctgct ggggttaattn 660
 tttttttttt tgaaatggga tnttcgcttc tgtcgcccac gcttggaatt ccattggccg 720
 ggaccttngg nttactgnaa gcttccgctt ccagggttnac gccatttttc cttgcttaan 780
 cttctn 786

<210> 3532
 <211> 783

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3532

gnntttnnnn	nnnnntttt	aaantacttg	ctacttggtc	tttttgcagg	atcccatcga	60
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gggacggcct	gcagctccc	cgcgccgggg	aaaggggaaga	agtcctcccn	tacaaagcaa	180
attcacaaac	ttggaagaaa	cantttacac	aggatgtgca	gatctcaatg	gaaggacacg	240
ggaaacgtga	aaaagcaagg	aagtgggacg	cctccaaagg	aaccagtaa	ttctccagca	300
acagatcccc	atccaaaaga	aattcaagaa	atgtcatata	gagaattgtg	gaaactgatt	360
ttaaccaaga	ttagagggat	tcaagagact	tctgaaaaag	aaagtaagga	aatgtcaaca	420
gcaattctgg	atatggttga	ggtatttacc	aaccagatcc	agagttttcc	agagcacatg	480
gcaaattgtg	aactgaagaa	atcactggat	gaaatacaaa	gtataactcga	aagcttcaat	540
gatagactag	atcaagcaga	aaaaaaactc	tcaaaactta	aaatctgaag	gcttttactc	600
aattcaaata	tttaatgggt	tggactctgg	ccattcangt	gaaccaaata	ctgctgggtt	660
aatttttttt	ttttttgana	tggaaatctng	ctnttgcgc	ccagcttgga	atcaattgcn	720
ggacctcggn	tnattgcaag	cttccgcttc	caggttcacc	cattnttctg	ccttancctn	780
ctg						783

<210> 3533
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3533

gnntttnnnn	nnnnntttt	aaantacttg	ctacttggtc	tttttgcagg	atcccatcga	60
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gggacggcct	gcagctccc	cgcgccgggg	aaaggggaaga	agtcctcccn	tacaaagcaa	180
attcacaaac	ttggaagaaa	cantttacac	aggatgtgca	gatctcaatg	gaaggacacg	240
ggaaacgtga	aaaagcaagg	aagtgggacg	cctccaaagg	aaccagtaa	ttctccagca	300
acagatcccc	atccaaaaga	aattcaagaa	atgtcatata	gagaattgtg	gaaactgatt	360
ttaaccaaga	ttagagggat	tcaagagact	tctgaaaaag	aaagtaagga	aatgtcaaca	420
gcaattctgg	atatggttga	ggtatttacc	aaccagatcc	agagttttcc	agagcacatg	480
gcaaattgtg	aactgaagaa	atcactggat	gaaatacaaa	gtataactcga	aagcttcaat	540
gatagactag	atcaagcaga	aaaaaaactc	tcaaaactta	aaatctgaag	gcttttactc	600
aattcaaata	tttaatgggt	tggactctgg	ccattcangt	gaaccaaata	ctgctgggtt	660
aatttttttt	ttttttgana	tggaaatctng	ctnttgcgc	ccagcttgga	atcaattgcn	720
ggacctcggn	tnattgcaag	cttccgcttc	caggttcacc	cattnttctg	ccttancctn	780
ctg						783

<210> 3534
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3534

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tcgaattcgg	cacgaggaac	caagaaaata	tttaaaaatc	taagcagtcc	tttgctcatt	120
aaaggataaa	tcagtagtta	acactttttc	tacaaagaaa	tgggtgtgcc	tggatgggtc	180
gtgtaggtga	gttttccaag	gattatggta	acaaatgagt	gagacctcta	tggagaaaat	240
attgaaggac	attaaagaag	acctcataaa	tggagagaga	tatatcatta	atggataggg	300
aagcctcaat	ggcataagta	tgtcagtttc	tttcaaaact	cacctatgga	ttcaatgtga	360
ttccaaacca	aatcccacaa	ggtctttcct	ggaattggaa	gccagattct	gaaatgtatt	420
tggaaaagta	aagaggcagg	gttagctatt	tcattaacaa	agaagggaaca	tcaggcaggg	480
agacttgtgt	tattattaag	gcttattata	aattattatt	gtgatcaaga	tagtgtattt	540
ttggtgtaga	gatagttaaa	ttgccaatgg	attgagccaa	atttncaaaa	cagaccacaa	600
aataaatgaa	ctctaattta	caacagagac	agtactgcag	atcatggggg	gaaaggatga	660
actattgagg	gattggcaac	ttttttggta	aggctanaca	gccttacgtg	gggtcacagt	720
gtctgtggaa	ntaggcacct	ctgctgnggt	attgtaagan	cactntganc	at	772

<210> 3535
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 3535

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tatactttgt	attttgtact	tgtattatgc	ttctgaatac	gctataatta	tttatgtaca	180
tgtttttttt	cttcaataga	ctggtggaac	tcttcgaatg	tagggactcc	tagagctaga	240
tactcaatta	ttttttatta	aattgaatga	cttgaaacta	cagatccttt	atttaaactt	300
cccaaatttc	tgcttttatct	aggcaactct	ttaaattctt	ttatctcatg	tagatttcaa	360
aggctgaaat	aattgagatt	ttttagtttg	aagaaaagag	aactgaggat	ttaatgtcat	420
tattattata	tttttaattg	actgtttggg	agtaagttgc	agacattgtt	cactttcact	480
cctaaatact	taaatatttc	ctaaaaacag	gacattcttt	ttttttttta	tggagtctgg	540
ctctgtcgtc	caggctggag	tgcggtggca	cgatcttggc	ttactgcaag	ctcccccttc	600
cagattcacg	ctgtctcctg	cctnactgct	cgggangctg	angcagggga	atcgcttgac	660
ccnggangcg	gangttgcan	anagcctaaa	cgggccattg	gactccagct	gggtaccaag	720
aaccggacct	cgtttgga	aaaaaaaaaa	aaaaactnng	cctttanaac	tttngggggc	780
g						781

<210> 3536
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 3536

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gnntttnnnn nnnnnnnttt taagntactg ctacttggtc tttttgcagg atcccatcga      60
ttcgaattcg gcacgaggtt cttcaaagcc aaccaagaca ggcttagcag ttttagagct      120
tcagaacaaa ttgccaaaag ccagagttgt ttatgctagt gcaactgggt gcttctgaac      180
cacgcaacat ggcttatatg aaccgcttgg catatggggg gaggggtact ccatttagag      240
aattcaagtg attttattca agcagtagaa cggagaggag ttggtgccat ggaaatagtt      300
gctatggata tgaagcttag aggaatgtac attgctcgac aactgagctt tactggagtg      360
accttcaaan ttgaggaagt tcttctttct cagagctacg ttaaaatgta taacaaagct      420
gtcaagctgt nggtcattgn cagagagccg gntcagcaag ctgcagatct gattgatgct      480
gancaacgaa tgaagaagtn catgtggggg cagttctggc tgtcaccaga ggttcttcaa      540
atacttatgc atagcatcca aagttaaaaag gggtgtgcac tagctcgaga ggaaatcang      600
aatggaaaat gtgtngtaat tggctgcagt ctcaggagaa gctnnaacat tagaactttt      660
gaagaaggcn ggggagaatt gatganttgg ttcaactgcc aaagtgtgtg cantcactca      720
ttggaaaaca tttntctgctc cagcngggaa aacttatggg tacttggn      768

```

<210> 3537

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3537

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agcnnnnnnn tnnnnnaaat aaactctttg caacttcnct ttttgcagga tcccatcgat      60
tcgcccagga tgaactgggt gcagtggctg ctgctgctgc ggttncgctg agaggacacg      120
agctctatgc ctttccggct gctcatcccg ctgggcctcc tgtgtgcgct gctgcctcag      180
caccatgggt cgccaggctc cgacggctcc gcgccagatc ccnccactac aggggagcga      240
agtcaaggcc atgttctacc acgcctacga cagctacctg gagaatgcct ttccttcgat      300
gagctgcgac ctctccctgt gacgggcacg acacctgggg cagttttctc tgactctaata      360
tgatgcactg gacaccttgc tgatttgggg aatgtctcag aattncaaag agtggttgaa      420
gtgctccang acagcgtgga ctttgatatt gatgtgaacc ctctgtgttt gaaacaaaca      480
ttcnagtggg aggaggactc ctgtctgctc atctgctctt caagaangct ggggtggaag      540
tagaagctgg atggccctgt tccggcctnt ctgagaatgg ctgaagaagc ggccgaaaac      600
tcttccaacc nttcaaacc cactggcatgc catatggaca gtgaacttac ttnatggggg      660
gaaccagga aaaaccctg tcacctgtcc ggaaggattg ggaccttnat ggtgaattgc      720
cacctgacag ctnntggtga accgtgttca anaan      755

```

<210> 3538

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3538

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gnntttgaaa nccctttttg atncctcttc tacttggttct ttttgcagga tcccatcgat      60
tcgaattcgg cacgaggttc ttcaaagcca accnagacag gcttagcagt ttttagagctt      120
cagaacaaat tgccaaaagc cagagttgtt tatgctagtg caactgggtg ttctgaacca      180
cgancatgg cctatatgaa ccgcttggca tatgggggtg ggggtactcc atttagagaa      240
tcagtgattt tattcaagca gtagaacgga gaggagttgg tgccatggaa atagttgcta      300
tggatatgaa gcttagagga atgtacattg ctcgacaact gagctttact ggagtgcact      360

```

tcaaaattga	ggaagttctt	ctttctcaga	gctacgttaa	aatgtataac	aaagctgtca	420
agctgtgggt	cattgccaga	gagcggtttc	agcaagctgc	agatctgatt	gatgctgagc	480
aacgaatgaa	gaagtcctatg	tggggtcagt	tctgggtctgc	tcaccagagg	ttcttcaa	540
acttatgcat	agcatccaaa	gttaaaagg	ttgtgcacta	gctcgagagg	aaatcaagaa	600
tggaaaatgt	ggtgtaattg	gtctgcagtc	tacaggagaa	ctngacatta	gaagctttgg	660
aagaggccgg	ggagaattga	tgatttggtc	actgccaaag	ngtgttgag	cactcattga	720
aaacatttcc	tgttcanaca	ggaaaacttt	ntagttacta	ga		762

<210> 3539

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3539

gnntttnnnn	nnnnnnnttt	tatnnntaca	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagac	taccccggt	acggttcccc	catgcctggc	agcttggcca	120
tgggcccgt	cacgaacaaa	acgggcctgg	acgcctcgcc	cttgcccga	gatacctcct	180
actaccangg	ggtgtactcc	ggccattat	gaactccttt	aagaaagacg	acggcttcag	240
cccggttaact	ctggcacccc	ggatcgagga	caagtgcag	agcaagtggg	ggtcgagact	300
ttgggggagac	ggtgttgag	agacgcaagg	gagaagaaat	ccataacacc	cccaccccaa	360
cacccccaag	acagcagtct	tcttaccgc	tgcagccgt	ccgtccaaac	agagggccac	420
acagataccc	cacgttctat	ataaggagga	aaacgggaaa	gaatataaag	ttaaaaaaaa	480
gcctccggtt	tccactactg	tgtagactcc	tgttcttca	agcacctgca	gattctgatt	540
ttttgggtgt	gtgtctctn	cattgctgtt	gttgcaggga	agtcttactt	aaaaaaaaaa	600
aaattttgtg	agtgcactcg	tgtaaaacca	tgtagttaa	cagaaccaga	nggttgacta	660
ttgttaaaaa	caggaaaaaa	ataatgtaag	gtctgttgta	aatgaccaan	aaaaaaaaaa	720
aaactcngcc	tntaaactnt	tntgagtcgt	nttcgtaaat	ccaan		765

<210> 3540

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3540

nnnnnnnnnt	tnnnnctntg	aagnnatagc	tacttggtct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagatat	ttgtacatgc	atatttcaaa	gacctgttaa	tgggtgtccac	120
tttggattct	tacatgaaac	gattcaagt	gcncattggt	aaggcctaan	ggaccacgcc	180
aaaanggggt	cccaacttat	ttaaaggtat	ttcaagtacc	cttccaaaaa	ngttaaatgg	240
catttaagac	actttcanga	atggttaaac	tggcttctaa	aacaaaaaact	ccctaaagtc	300
tggtccttat	gcaatatata	ttntaatat	accatatata	ttttttacca	taggaataact	360
cacaaaagt	caagccaata	ataacattgg	caagaaaaag	taatacatat	ctgctagggtg	420
acaatatcaa	acaattcagg	ggaataattt	tactttaatt	aacattaaca	gaatttcttt	480
ttccacttca	aatcaatcat	atttctgtca	tctccaacct	aagatatttt	ttagattgtc	540
tccctattct	ttgattcaaa	agccaattac	agaaactatg	aacttgacct	aattctggtt	600
tttgacaatt	atgagacaga	aataaagaaa	tgcaagcagt	tcttttcttt	gccactgacc	660
attttttaat	tcattcatct	ctatgatgat	ggtgctttca	caactgcagc	tctnctgtat	720

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gtcaaaatca ttctggttnc aggtaaatgg acaaanggag atttgccttc agtgtctaaa 780
aggcaattta cttttcaagc tgncttaatt acctatgggt 820

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<210> 3541
<211> 767
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

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<400> 3541
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cgaattcggc acgaggctat gctaaacagc ctttacatgt atggtctggt taaagttcct 120
ttgttccttt tgttttaata aaatgtgtca ctgatttttt agctcaaaaa tcatcactgg 180
taattccaag cccccaaaat atggttaaaa agattttttt tttaatcatg aagagaaaat 240
tagtagcatt ctttctctcc cattatttat tggttttcct cactaatctt ttttttttta 300
gtccaaaagc caaaaatatt tatcttggtt ttacatttta atttccattc ttaattgtaa 360
tttttttctt taaataagga aaccaatata atctcatgta taaaaactta aatattttac 420
aagttacata tagcatcatt ctaaaataag aatttttttt gntttctgtc tgcttttttc 480
ttatgtctct tgntgagttt tatattttca gtggttattt ttgcttgngt tagatcatta 540
ttaaaatata tccaatgncc ctttgatact tgnctctctc tgagaatgtc cagtttgcac 600
taaacatccc agtctcatcc ttcaggaatt tgcagtcaat gagaagangg agacaaaatt 660
aaagatgagg acagaagcat ctntacagat gaaaattacn taaataaaaac attctccatc 720
aacactaaaa aaaaaaaaaa aaaactcgac ctttagaact ntagggn 767

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```

<210> 3542
<211> 765
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(765)
<223> n = A,T,C or G

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```

<400> 3542
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tcattaagca ccacagggtt cacactggag agaagcccta taagtgcagt gactgtggga 120
aagcatttag tcagagcttc cacccttatt cagcatcggg agaaattcac actgggagaa 180
aaagcctcac gttgtggtaa atggtatgtg ggaaaagccc tttagttata gcttcagtgc 240
tcccgaagc accagatcat ccacacggga gagaagccgt acagatgcag tgtctgtggg 300
aaggccttca gccacagctc agccctcatt cagcaccagg gcgtgcacac aggcgacaag 360
ccctacgect gcacgagtggt gggaagacct ttggtcgcag ctccaacctc atccttcacc 420
agcgagtcca cactggagag aagccctatg aatgtactga atgtggaaaa accttcagcc 480
agagctcaac cctcattcag catcagagga ttcataatgg gctgaagccc catgaatgta 540
ccagtgtggt aaagccttca ccgaagctca aatctcattc accaccagaa agttcatact 600
ggggaaaaac cctacacctg tgttgaatgt ggtaagggtc tnagccagag ctacacctna 660
ttcagcatca gataatncac acgggcgcag gccctacaa atgcatgagt gtgggaaagc 720
cttaatcagc gtctgnctn atcancacca gaggattaca ctggg 765

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<210> 3543
<211> 734
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 3543

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ttcgaattcg	gcacgagagt	ggctggataa	aaggatgtgt	gggaaagaac	tgagttgaaa	120
ttaggagtta	gaatttttatt	ctttgggtact	aaggaatcat	tgaagatttt	aaaattaggg	180
ctgacataat	cagatttgag	tttgggaacc	tatagtttgg	gactggagga	agacaggtgc	240
cagacaccag	ttaaaaagct	gttatttttct	aagcagtaga	caaagggtta	cactgacaat	300
agctgtggag	atagagaaaa	gctgcgagat	ttcagagttt	tccaagggtgt	aaacaactaa	360
atthttgtgat	caaaatgata	agggccatct	aataagctgg	ggaatgtggg	atctgtcttg	420
gttgagttgg	tggattaact	ganattaaca	gagctggagg	aaatgtaaaa	agaaaggcag	480
gattgttcat	tttgtctttt	gtttgtttnt	ggggaacagg	gtcaaaattt	tcattctgcc	540
taangtaggt	tttagtcttt	ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttt	600
ggaagaaaagg	caaccattag	taatattttt	tgaagttccc	tacctgggta	atthtttcaa	660
taaaaaactn	aggttctcag	gttagcnaga	atcatggtct	taggaagggt	ancttgtaag	720
acccaaaatt	atnt					734

<210> 3544

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 3544

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ttcgaattcg	gcacgagggt	cttcaaagcc	aaccaagaca	ggcttagcag	tttttagagct	120
tcagaacaaa	ttgccaaaag	ccagagttgt	ttatgctagt	gcaactgggt	gcttctgaac	180
cacgcaacat	ggcctatatg	aaccgcttgg	catatggggg	gaggggtact	ccatttagag	240
aattcaagtg	attttattca	agcagtagaa	cggagaggag	ttggtgccat	ggaaatagtt	300
gctatggata	tgaagcttag	aggaatgtac	attgctcgac	aactgagctt	tactggagtg	360
accttcaaan	ttgaggaagt	tcttctttct	cagagctacg	ttaaaatgta	taacaaagct	420
gtcaagctgt	nggtcattgn	cagagagccg	gntcagcaag	ctgcagatct	gattgatgct	480
gancaacgaa	tgaagaagtn	catgtggggg	cagttctggc	tgtcaccaga	ggttcttcaa	540
atacttatgc	atagcatcca	aagttaaaaag	ggttgtgcac	tagctcgaga	ggaaatcang	600
aatggaaaat	gtgtngtaat	tggctgcagt	ctcaggagaa	gctnnaacat	tagaactttt	660
gaagaaggcn	gggggagaatt	gatganttgg	ttcaactgcc	aaagtgtgtg	cantcactca	720
ttggaaaaca	tttnctgctc	cagcngggaa	aacttatggg	tacttggn		768

<210> 3545

<211> 10

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (10)

<223> n = A,T,C or G

<400> 3545
nnnnnnnnnnnn

10

<210> 3546
<211> 936
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (936)
<223> n = A,T,C or G

<400> 3546
ttangtgnac nccctggana accacttgnt tttntgtcag gatcccatcg attcgagnaa 60
atngtcctgc antcctatat gcngaatttt nttnatatct tgacccaaaa taactggggt 120
aaaatatnta gtngaaacct tgtatatatt ataaacttag ctttgtaata ttaagtatga 180
aagcagcana natagatagt ctgagaagaa gaagaaaatg tataaatnct tggggagagc 240
tgtgataaan ngactagact tacctttgag ttcctagccg atccctacct gacagctttc 300
ccagctggga aaaatctgct tgggcaaggg aaagggggaa tatgattatt ggangaactt 360
cccaccttat agggactggc aagaggggat acatgaccag ggaatgaacc ataaaaggga 420
gagaaatttg acattttaa tttacangga attaatgaat gatctaagna taatttgaaa 480
gattttgaaa naaagagcca aatccgagga aagatgtaag gaaagtgatg gggangggaa 540
aaaaaattat gggatggt naaagagcca aactcttcta aagttaatgg ggggaggaaa tccaanggac 600
caccaagggt aaggtttaaa gaaggggaaa gganccaaag gaattttaan ggaacccatg 660
gttttttcan cccccagaa caggggagaa anccaaang gaaaggaaa gancggaaan 720
ggcttgagc ccnccagggg gggcttncac cgnccctggt taattcccc acccnccttt 780
ttgggggaag ggcccaaang gccggggttg aatccancgn angggccng ggagaaatng 840
gaccancca tncnngggc ctaaaccacc gggggnaaaa cccccctct tnttacctta 900
aaaaaatccc caaaaaaaa acccgccang gggcat 936

<210> 3547
<211> 769
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (769)
<223> n = A,T,C or G

<400> 3547
tattatacan ctacttggtt tttttgcngg atcccatcga ttccaattcg gcacgagatt 60
atacagttcc ccacattgaa gttgggaaga agatatatgg agagcagttg aagacataag 120
gggctctggg gaacagcata gttttgcttt aattctccag cttgttctca gtaagggtgg 180
aaggagaaag agaggaagta tcgattttac agacgtcaca tcgtactgct aagaacagac 240
agaaaacttg ttgtaataac ccgtacacac tgtaggagaa ctaaggaggc ccctggtgta 300
gcaatcattt tccaaggat gacggattgt gaggcaggaa ggtgtgaaaa gaggcagtca 360
tttatataat tttggggttt ccgctgagga aacctgagtg aactcacttc agatgcattt 420
ggaatatttt aataaaaaat acttgatttt ggctgctgca ggaactgctg gaagaaggaa 480
acaatcctag aattggcata aaaacacact gactcattac tcctctttgt tactattagg 540
catcagagat acatgttttg ttgatttttag ttacagaaat gagacaaagt tgaatctgaa 600
tacattggct tncctgttca aggagctcct cttggatata atagctattt catgaaactt 660
ctttagagaa caacctgat acttccaaca agctatttta gaaacaaaaa ttatgctgga 720
tctaattact cctaaaatgg tcattttcaa tgaatattgc actgattct 769

<210> 3548
 <211> 883
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (883)
 <223> n = A,T,C or G

<400> 3548

gnnnnagnna	gngnnnttnn	ncctntnttaa	ccttttnacan	ctcttgnettt	ttagcangat	60
cccacgcatt	cgaattcggc	acgagatttta	atcttccata	agatntttcc	tcagtgtctt	120
ttacttcttc	tcctgccatc	agattctttac	cttgattgaa	aagccatgtt	aagtgcagg	180
caaattcttt	acgtctttat	acagagatta	acaatctctg	ggtgatggga	gcgttaagt	240
attaaccttt	gtcactagta	natgtgggag	gttagaaaag	tgctgccctt	tttgggtctc	300
agtcctcag	ttctgcaatt	acaggcagcc	tcattattng	gncaaata	tgtaaaattg	360
atancncata	tccaattaaa	aaggatggtt	agngggcaaaa	aaaaaagaga	gagagattga	420
ttatnaccta	gtccttgata	gcccacagc	gngaatatag	tccataataa	ttggattggn	480
cattggataa	taactaaaac	cntaattgga	ttgtccgaac	acaaatatta	agcttgagg	540
gatggatacc	ccatcttcca	tggacgtgga	ttattactga	tggcatggcc	tatggcaaaa	600
atatctcatc	tgnggcataa	gccccaaact	aaggtncctc	ccaggaatta	aattnaccaa	660
nnnngccctc	cgagnccctc	taaaaaccta	ttagnggagg	tccggtantt	acccgtagga	720
atncccgac	ccttggaatn	aaggaatacc	catttggtt	ggaaattttt	gggacaaaaa	780
ncccnccaaa	cctttagnaa	atggcccngt	nggnaaaaaa	aaaaaanggc	ctttttaa	840
tttgggggga	aaaaaatttt	ggggggnaa	ggccctattt	tgg		883

<210> 3549
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (768)
 <223> n = A,T,C or G

<400> 3549

actattgaca	cctcttggtc	tttttgcagg	atcccatcga	ttcgctccct	ctgcttcctc	60
aaaccaggc	ttcgctgctt	ctgcggaggt	cttacctgtc	tctcctttcc	acccgggttc	120
cctggaggaa	gctaaactca	gaccaaggcc	ctgggctccc	caggagttaa	aagggatac	180
gctgtcccaa	gattctagaa	tgaagagtca	acgtagcccg	agtggcttaa	acctcctgtc	240
cttaaatgca	agaaatgttt	tctatcgagc	cctggacagg	tgtctctgct	ggcctggggt	300
tttcaacagg	tcatgcctgc	ctcagacccc	agggacaaat	gttcttccag	ctctaactca	360
ttctatgctt	taagcttttg	acctatcttt	gttttcccag	tgccacacca	aatgctgcct	420
ggggatctct	ctttcttcc	gagttcccat	ataagaagcc	ccccatttaa	gaattcagtt	480
ggaatgggtt	gtatttcaaa	agttgctttg	caagttagtt	atttggtatt	caagttgcat	540
tttaccagg	taacaatatt	ataatgattg	gttaccttcc	cagagcaatc	cagaaatgcc	600
cacataaccc	atgtcacacc	tgaaccaccc	tgagttcttc	tatccttgaa	cctcttaagc	660
tttnccctaa	ctctaacagg	tctcatgggtc	cactcaaggt	gtttcatgct	tctcaantac	720
gtccctttcc	actgntgtct	accctntntc	caaacacaa	acaaaaca		768

<210> 3550
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 3550

tttaaactcta	tatacangct	acttggttctt	tttgcaggat	cccatcgatt	cgtaacagac	60
taaattttct	ctgtaagagg	ttatttccta	gatagttaat	atttttggtg	ctactttgtg	120
ctgtatttta	taactattaa	ggaatggtgc	agagaaatgc	tatcaattgt	taaaattttg	180
ccatgaatac	agcagcctca	ctgaattctc	ttagtagttc	taatagcttg	ccatttgatt	240
ctaacagggt	ttctatgtaa	aagatgggtg	catcttcaaa	caatgatagt	ttcatttctt	300
ctctttcacc	tcttaccttc	cttggtgttc	tttagcattg	ggcaggctct	tcagggatat	360
gtgaaacagt	ggcagtaaca	accagacatc	ctggcctctt	tgtttttttt	tccatgatga	420
agtctcactc	cgttgcccag	ctggagtgcg	gtggcacgat	ctcggtcac	tgcagcctcc	480
acctcccggc	ttcaagtgat	tctcctgctc	aaccccccaa	gtacttgagg	ttacagggtcc	540
tgccactaca	cccgactaat	ttttgtactt	ttagtaaaga	cagggtttca	ccatgttggc	600
cagctgggtg	agaattcctg	acctncagtg	atccacctgc	ctcgtcctct	ctaagttctt	660
ggattacaag	tgtgagccac	cacgcctgcc	attgnngcct	ctttattggg	cttcttgaaa	720
atgccctgaa	gtgtcttaat	acacataatg	ttgctgtaaa	ncaatgatt		769

<210> 3551
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 3551

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ggtcagggag	gaaagccaag	atggaaaatg	gatgggaatg	aatgaggaac	atgatgtggg	120
ttgggggtgc	aattcatggt	taatacaaca	tgtgtggctc	agtataacca	gattgtcata	180
agaagctcag	gcagctctcc	ccctctgttg	cctggggctt	ttcgagttta	caataaaagt	240
ggaaagatga	agaataaggg	caagcagaag	acacacacat	ttgcctgttt	ccctcttttt	300
gtccagattg	agtagatggg	aggcagggct	gttacctcatg	atgggtgttc	ataccagagt	360
caatctacta	gtttgcttgg	ttttataggg	gtgattccca	aattttgaat	ctgaagttag	420
ctgtcagttt	aaattcagag	ggtccgcagt	tgtttttcag	gtttttcttg	attctgcctt	480
tggaaaccag	gaagatgttg	aattttactt	tcatctgaca	atattgcaca	tctgtgaacc	540
caactgatct	gaaagtgttt	acctcttaac	tctgtgaagt	tagctgggta	ttctggatgg	600
ctgggacaat	ggtgaggacc	gttataatgg	ttactctcac	ctgtgtccca	gacgctccac	660
ttgggtgctg	aatcacagt	gaacaaacat	gggtcttgcc	tccacacact	tgcagttant	720
agggcagact	gacgacatta	aaaagatcca	tcgggggtgg	ataat		765

<210> 3552
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 3552

ttaaacccttt	tgacacccta	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggtaggg	acgagccctc	cccatcctga	gtccacaggg	agatccacag	ctcacggagc	120
ctggccgcgg	acccctccca	cccctgcctt	gccggccctt	gcacatttag	gatatgctcc	180
tgggtgggga	ctgggctgtg	cccagggcct	ctgtccccc	ggatgtcttg	tggtaggggt	240
cggccgttct	gccccccagg	gcaccccctg	ttgtaggcac	tggctaggga	ggggcaggcc	300
tccttctgcc	cctcgagaca	ctcttgggag	atgcattttc	cgtctggctc	acagggggag	360
ggtgaggctt	tgacccccag	cccctgcccc	agccactgtg	agggtgggtg	ctggctgagc	420
ccccggggga	acangagcca	agcangtgat	gtctttgttc	tcggctccca	cagcagaacc	480
aggtagagg	gcgcctgcca	nggccagacc	caagtggggc	agcctgaacc	tgttcccctt	540
gtggccggga	tgccccgata	tttacacact	ggtgaccctg	aaagaagaag	gaggaaggaa	600
ccttgcnngg	gtgtctgaag	gccgcactgt	cagcttggcc	ggtccaaacc	tgtngcttgg	660
aacttggggt	ctgtttacct	aataaaaagtn	cccacaagt	ccctnantta	aaaaaaaaaa	720
nnnnnnnnnn	nntnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnttt	780
ntnnnnnttt						789

<210> 3553

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3553

ttgaacnatt	tganaacctt	tgactntttg	caggatccca	tcgattcgaa	ttcggcacga	60
gataacactg	agaaaggagt	atgggtatact	tggtttgaac	tgtgtgctac	actaccaggc	120
cccttccaca	ttatactact	aattttattta	aaatagatag	gtatcacact	gagaggatat	180
aaaaaaaaatt	tctgcctctt	cattttttgtt	tcttgtttga	acagaaaaaa	tgacccaaat	240
attgggagta	cttctaagga	aaaggcaaca	cacattccag	ttaacacttg	gatgtgaaaa	300
tatcaatgaa	tattagaatt	tataagtcaa	actggctctg	ctcgctgatt	gcaattttta	360
gttacattca	ctattttgtg	ctaaatttaa	gtcattggta	tacgactggc	cagagtccct	420
ggttttaaac	attactgaga	actttatata	tactcttaat	gggtatttta	tataatgtcg	480
aatgaaactt	ttatttttag	atttttaaaa	aatattttgc	actttggact	taattttaca	540
ctaaattgta	tcagccagcc	taagggcatt	atgctaaatg	taaatctagt	tcttgggttaa	600
gcttttattg	aaagatangt	ggtgctgtaa	gttaatatat	tgtagtgaaa	gtgtggggaga	660
aaagttaa	at	at	at	at	at	720
ttatgatgga	cttgtctcan	gtgaagtga	gaagtgaag	aatcaagtgt	atggc	775

<210> 3554

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (828)

<223> n = A,T,C or G

<400> 3554

ttnnnnannat	gnnaaaggng	cagccncttt	gnaacccttg	gtaaagcccc	ttgttctttt	60
tgagatccc	atcgattcga	attcggcacg	agtatctatt	ggcagcaaag	antntttatt	120
ggtatactac	aatatgattt	aactgttatt	ttggggataa	atagtagaaa	aaagtgaaac	180
agaatgaagg	caggtgtttn	ttattctaat	gatggaataa	tacagagata	ctggacgatc	240
tctagcagtt	aattattgtg	acccatataa	aattatacac	gtcacagtat	aattctctat	300

taccgntttt	acaccagtaa	gtcttagata	aactaagcat	gcttatgaat	tatgtataca	360
gtagaatgc	attattttta	cagaggaaca	attgcttgta	tgtactaaca	ctgnactctt	420
ggcttgccctc	aagttctact	cattattnta	tataaaatac	tattaggctg	ggcacgggtg	480
ctcacgccta	taatcccagc	acttttggga	ggtggangct	ggcggattac	ttgaaggcca	540
ggagttcgag	accaccttgg	ccaaaaatgg	ggaaaccccn	atctctataa	aaaatacana	600
aaattanccc	angtgtcatg	gataccatgc	ctgnaaatcc	ancttctttg	ggaaggctga	660
aggcacnggg	aatcggcttt	gggccccggg	gaancacaag	tttgcaaatg	gagcccaaga	720
nccatgccac	ttggaccena	aancctgggg	tggacaagag	tgcaacactt	gnntcanaaa	780
aaccaaaca	aaaaacatca	gantantggn	ttgnggaagc	cnanttgc		828

<210> 3555

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 3555

gcnnnnnctn	gggaggggng	nttgnggggt	nnccctttct	caaaatanct	ggacntcna	60
ctcgccnaaa	canataggnc	ggggcgcat	acatgattct	gncttaacga	agatagaagc	120
atnttattgc	ataagttttc	ttctgtgtgt	gggaatcata	tgtgggtgta	tatatgttta	180
aggggtatgc	atccgggtag	acgtttgtgt	gtggacatgt	gtgtacaggt	atataagtac	240
atgtgtcata	gccttggtac	aggtctcata	gccttgacgc	actgtgttcc	tggcggggagt	300
ggcatcngtc	tgcatgtctg	aaaatgccac	gtgtgcattc	tgctgatcac	caaggtnnng	360
ggctgtaggc	atcctctctt	cantgcgtca	gaagtctgaa	gaacatgtag	cngcaccggg	420
gcgncatgag	aaagnaacnt	gtaggattta	tnaactcatt	tcttgaagcc	actcactgtn	480
tgnttttaag	naccaannnc	gattgcccac	tgccaantac	agaanagact	tcntttgggtg	540
agtacangna	tgagngactt	ctctccnnng	gncnnnctat	aatgaactnt	cngaactctg	600
acttcncgca	ncagtcncnc	ggactcccct	ganctgggct	nnttccgctc	cccacannga	660
aatnangcnn	tnccccattc	cccaaangnc	gnccccccnn	ctnccncccc	nncnccccac	720
ccnccnccnc	ccnccncccc	cccncccncc	cancnccnnn	cncnccnccn	ncnccnccn	780
ct						782

<210> 3556

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3556

ttanatacan	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcag	60
cgcccagctc	cgaggttggg	gcagccccgc	cgggcaactt	gaatttctgc	aaacgaacac	120
agcaccggga	gctctgcaga	cctgtgtcgg	cgcggaaccc	ggactgagac	atgccttttg	180
aacttctcag	atagagggaac	cccagtgaa	actgatcagt	tcttacaatt	ctcaaagcat	240
ggcccataaa	tatgtgggtt	tgcagtatca	cggatcagtg	acatttgagg	atgtggccat	300
agccttctcc	cagcaggagt	gggagagtct	ggactcttcc	cagaggggct	tgtacagaga	360
tgtgatgttg	gagaactaca	ggaacttggt	gtcaatggca	ggacattccc	gttctaaacc	420
acatgtgatc	gccttattgg	aacaatggaa	agagcctgaa	gtgacagtga	ggaaagatgg	480
aagaagatgg	tgcacaggat	aagaaagctc	cagtctacaa	acaaaacatg	ccagaagatt	540

tttaggcgat	gatgccacct	gcacatggaa	ccaaaagatt	tgcagttgga	agatgataca	600
atcgggtgta	aagaaatgcc	cacctctgaa	aactgtccat	cttttgcctc	acatcagaaa	660
ataagtagac	agaaaccacg	tgaatgtcag	gaatatggaa	agaccctttg	tcaagactca	720
aacctgttca	catgaaagaa	tncatagtag	tgaa			754

<210> 3557

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3557

tccnnttcta	atgcttggct	actngttctt	tntgcaggat	cccatcgatt	cgcccaaaac	60
catttattga	agagacaacc	ctttcctcat	tgtttgcttt	tggcattctt	gtcaaagatc	120
agttgtccat	aaatatgtgg	ctatatctct	gggatctctc	ttttgttccc	ttggtctaca	180
tgtctgtttt	taatgggagt	atcatactgt	ttctattact	gtaattttga	tgtatatattt	240
gaaatcaaat	agtatgatgc	tgctagctcc	attctttatg	cttgagagtg	ctttggctat	300
ttagggctct	ttctagttcc	atacaaattt	tagggtttatt	tttatgcttc	tgtaaaaaga	360
ggccattgga	atttttagtag	agattgcatt	gaatctttag	atctcttttg	atagtattga	420
catattaatg	attctaattt	cttgaatcta	tgaacatgag	atatctttcc	gttcatgtgt	480
gtattcaaca	aattcattat	tattattatt	antattatga	ttattatcat	tattattgag	540
acagagtctc	aatctgtcac	gcaggctgga	gtgcacgatt	tcggtttact	gcaacctctg	600
cctccggctt	caagtgattc	tcttgccctc	ngctcccaag	tagctgggat	tataggcacg	660
tgccaccacg	cctggctgaa	taattggatt	tttagtagag	acngggattt	taccatgttg	720
gccaaagtgg	gtctngagcc	tttagaacta	n			751

<210> 3558

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3558

agtnnttnnt	ttttgactcc	ttgctggnet	cttgttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgaggccaca	tagcaatggg	ntaactgcag	gactcaggtc	cacttgccca	120
gcagctggca	gggaagggcc	atgaggcagt	agagtcccta	caggccaaga	aactgagcag	180
aacctatgcc	tccagctcac	cagctgcatt	gaagccccca	gctggcaggg	agactgctgt	240
gaatggacag	ggtgagctca	ttcccctgaa	gaacattgag	ggagaattgt	caagtgtctat	300
tcacatgacc	aaggatgcca	ccaaggaggc	tctacatgcc	accatggacc	tcaccaagga	360
agctgtgtcc	ctgactaagg	atgccttcag	tttgggcaga	gatcgaatga	cctccaccat	420
gcacaagatg	ttgtccctgc	ccccagccaa	agtctgggtc	agaatctgtt	ccacaggatc	480
tctttcaaat	gtctcagata	atgctgggtg	tcaagggagc	cctcttgtga	ataattatgg	540
ccaggggtca	ccagcagcca	acagttcaat	ttcaccaggg	ccctggaccg	ccaaacagct	600
actcanctgc	ttaactggcc	cacaagtaca	gaccagagac	aaagcaagag	aagaagcaga	660
gactgttttg	cccggggccc	agaagaagct	tgctggcnaa	ggggacgttc	caacgaagag	720
accactgtcc	ttcgagcagg	anttaca				747

<210> 3559

<211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3559

gggnttnnnc	cctttgaaan	cttttataca	agctacttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	gttggttctag	gtagtttcat	gcggatgctg	acctaaacta	120
gaatgtagaa	attagtagga	aagtgaatgc	ccactagggtg	gaaacctgaa	agcacgggga	180
cctgcgatct	tgtttactgt	tatattcctg	ctgcgcagct	caggggtctct	atgtaaaaaa	240
tgagtgaatt	tatttttctag	ctgggtgccta	caaaataatc	tgcaatgtat	ccatactggt	300
ttattaatgg	taacaaatga	accgtactaa	tatgagataa	taggggaaac	tagatatgga	360
gtgtatggga	attctatctt	tactatttct	ggaaacctaa	aactactcta	aaatagaagg	420
tttatgtttt	gaaagcactc	tgctcattgc	gctcttgtct	gaaaagtgaa	gcctggcctc	480
aagccacttt	gagtatttct	cttctgccag	ttaattatct	taccattgcc	tctcagtgat	540
attaagagaa	aacccatcct	taacattttt	cattactttt	taggttcaaa	atgagcctgt	600
ttggaacaac	ctcagggttt	ggaaccagtg	ggaccagcat	gtttggcagt	gcaactacag	660
acaatcacia	tcccatgaag	gtccacgaaa	agctttctgg	ggcttgtagg	aagaagtttg	720
ggcagagttt	cttccatcaa	nggccagAAC	ccgagatgac	cttggaacc	tccttan	778

<210> 3560
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3560

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aaaaaagcca	tatggcatag	aaaaaaaaaa	ttctgtcttt	ggaggaaaaa	ggaaaaaagt	120
cccaggtttg	aagccagttg	tggtctctta	ctaggatat	tattgagtct	ttcagctctg	180
tttcaaaatc	tagaaaatga	gttcagtatt	acctgtttaa	atttggtgaat	aacgcattga	240
tgtacacctt	ggattcccta	aaactgtctt	aactgcgtga	gtccagtgga	ctcagtgcct	300
gagtctaaat	ccttagactt	ctatcagacc	ttctccctta	gcagtttcat	ttgctcttta	360
aatacaaaaca	ttggacactc	atgcagaacc	acagaaatca	tgtagacaaa	ctagaaatta	420
tcgtgcactc	acaaattata	gcttccatta	ttaggtaata	catgctaaac	cctagcaaac	480
attaagtacg	tgaactccta	ttactaaata	gtaatcactc	aagtaaaactg	gacaaaatgt	540
cttacggagg	gtcacatctc	atgtgaaatt	aaaccatggt	gcaggcagtg	ctacacctga	600
gatttttacac	aggtattttac	atttcttttg	cctttgtggc	aatatgtgcc	tgtaagata	660
ggctattaga	gaactgggca	atgagnaacc	ctacacctta	aagtacaagg	aagnnatgtg	720
ccatatcagc	agattttttg	cttatttagt	tagtaatgaa	tcctcaaact	ct	772

<210> 3561
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3561

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ccagtgacca attctaggat gaccagaaga atgattccac tgggcttggg agtggttgct      180
ggtacctcta atctctgngt anagttnatg gtacctgtgt gctctgtggc taggtcctca      240
gagtcagtc ctaggcaggt actgtcagcc ttcagtttcc cccacagact gtgttcctgg      300
gcctgaatcg ctgagactac atgttccagc gcagcgcaaa tggctcccca ncctgaaaca      360
gatcgaatc aacaccatct ctgccagctt tggggggcctg gcctcccgga cccanctgt      420
gcaccggtgg gtccccctggg cagnccccgg catacctgtg gggtgacatg ctgatgggtg      480
tacagtcact ggctaggcca gggaactcca gctatgattg tgcttttctg ggccccgggt      540
cacatgttgc ccctgnccac cccgacagca gttnnactt gtaatgagat ccttggtatg      600
tcaaggagaa aaaggacctc atagctcatc tagtgctgtc ctccattgaa caggcagaag      660
gaacaatatc ttgaaaaccc caaaatanag gaaatgcaag ggacttctgg cttggnggct      720
gngcctggtg catcatttct accagcattg atgctccagg ttcaatgatt t              771

```

<210> 3562

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 3562

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agaaacacct cccaaattgc agtgtcatat ctcaggatga tttcttcaag ccagagtctg      180
agatagagac agataaaaaat ggattttttg agtacgatgt gcttgaagca cttaatatgg      240
aaaaaatgat gtcagccatt tctgtctgga tggaaagcgc aagacactct gtggtatcaa      300
cagaccagga aagtgtctgag gaaattccca ttttaatcat cgaagggtttt cttcttttta      360
attataagcc ccttgacact atatggaata gaagctatct cctgactatt ccatatgaag      420
aatgtaaaag gaggaggagt acaagggtct atcagcctcc agactctccg ggatactttg      480
atggccatgt gtggcccatg tatctaaagt acagacaaga aatgcaggac atcacatggg      540
aagttgtgta cctggatgga acaaaatctg aagaggacct ctttttgcaa gtatatgaag      600
atctaataca agaactagca aagcaaaagt gtttgcaagt gacagcataa agacngaaca      660
caacaaatcc ttntgaagt gaattaggaa actccnagga gtaatttaag accttnacca      720
agatncatgt atactgnggt acaatgacag ccatggttca tatggttgat ttttattgcn      780
catggt              786

```

<210> 3563

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(838)

<223> n = A,T,C or G

<400> 3563

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gnnagnnnngn nntttnnncc naccggance acgtgaaccc tttgttanaa cccctngnnc      60

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ttncgcaggg	atcccatega	ttcgaattcg	gcacgcaggg	cagcncctnt	atctngtnnt	120
ttaaactctg	gccngccntt	cctaattctc	agaccaacaa	gtagtgtttt	cccattcgga	180
tcgcttanca	naaaatgagg	agagtcttgt	ggccatcanc	tttattgnaa	gccgaaccac	240
tgtnagcaaa	aataccaagg	agaggntctga	tcccactntt	gnaanaaaaa	gaaccatgag	300
ggccctgcn	aatncaactg	gacntgggg	atactcactg	aagaaggtgn	atctatttag	360
gaatgcaaat	tgtcttncta	ccccagacnc	cccaacaana	aanacttggg	gtgganggtg	420
anatatnnca	gccagnaana	aacngtttgc	atntntcctt	nttggttnga	caaagacntg	480
ntnccanatn	gtcctcaaag	gtacataaat	acanacatat	gatatttgtg	tatatataaa	540
cacatatgt	tagtaanatc	cnn catttac	cttggggnga	gacttgaaga	aacnccagcc	600
ttctttctag	agagcctctg	cttctgggtat	tnacctgtca	caaaagccca	tacctgggtg	660
tcaaaccctt	tccttgtaac	tganggagng	catnttacga	atatggnggt	agagtaaaagt	720
agccaagtgc	ntatnggaaa	atttaagccn	gaaaaannna	attannaana	attccnaaaa	780
cagcccaata	atctnnaggn	tggggaaann	aaaaaccgcn	mntnggttnt	tttgtntt	838

<210> 3564

<211> 676

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (676)

<223> n = A,T,C or G

<400> 3564

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gtctgtgggtg	atttatgtgc	atcagataag	acaaccacct	ctcccagnct	cgtcagactg	180
gtctcataca	ggagaaagat	ctcaacaatg	tatccngcca	gagattttta	gggcttctnc	240
aatctcaaaa	acagactgct	atatctcctt	tttgtggccc	actggagcnc	ataatgtgnt	300
atgtcctgtc	agaaccctca	tgaatagnat	ggtaggagca	agactcttta	gacatanctg	360
aaaagcttac	ttgggtgatg	tgtgtatgca	gntccttcta	tcttcanggn	gaagttganc	420
aaagatgttt	atctccctact	attctgtcta	acccgaaaga	natatttgtc	tccattcagc	480
tgcccctctg	tcctggggag	aaagtagngg	aaggggcccc	tctgtgtcac	ctcttgnttc	540
tgnnggtatc	tctcantggn	tctacactta	tanctaata	ttttcaagnt	ctgtgcggtg	600
gtgcctcaaa	cagngtgaat	atccatnaca	ggtagggggg	cncgaagggt	ancataactc	660
ctcatatgan	anntat					676

<210> 3565

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 3565

tntnnnntt	tgaaaccttt	tatacaagct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acggaggcca	tacaagagac	tccagatatg	cagctagaga	aacttaagga	120
aggtgagctt	atcaacgtgc	attcagaaaag	tgggttatgat	tacaagaatg	aagatatccc	180
agagggaattg	acattgtcag	aaaacttcac	attaatcgaa	ttctcagaga	tgtctcacia	240
cattgaaagc	acaaaagatg	aaatgttaga	agctgggtgca	cagtaaggat	aaaggagtat	300
ggcagttcac	caaggcatgg	aaaagatgcc	tgctccatat	tgtaagtta	tacagtgaga	360
agaaggaggc	gaacatagtt	cagactactc	ttggtagggt	tttaccaaaa	aataaaaatat	420


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tttaagctca atatttttga cattgcaatg tacttttaaaa gatgctggga tttaaaggcgt      480
gagccaccgt acctggccct tgggtggaatc tttaggggtt tctattcata catataaaaat      540
catatcattg gcaaacagag ataattttac ttctctcttt ccaatttggga tgccttagat      600
ttcttttntc tgcctaactg ntctgtctag aactcccagc ctatgctgaa tagagtgga      660
agaacaagca tttgccttgt tnctaacctt agaaaaaaaa tncctcaccn tttaccattg      720
angatgatgt ttgctgttag tttttcataa atgatctata tcangctgaa taaattctat      780
t                                                                                   781

```

<210> 3566

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3566

```

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agagtcccgag gtacatatta aagcaagcct tcatacatgt tggccctcta tctaaaagcc     180
tcttccact cctttccctt tacctggtaa tccctgttat tccctagatg cctgctttaa     240
agagatttcc tttggtaaat caccctgaac cctcagacta gtccagacct ctctttgata     300
tttccctctt gacattcagc atttatccca attgaaagta ataattacat ttgtgtagtt     360
attagattat ctgtcttct tagtaaaaag taagcttatg ggctgggtgc catggctcat     420
acttataatc ccagcacact gggaggctga ggcaggagga tcacttgacc ccaggagtgt     480
gaaaccatcc tgggcaaacac agaaagatgc catcaatacc aaaaaaagga aattaggtga     540
gtgttaagggt gcaccagcca ctctggaggc tgangtgga ggatcacttg agcccgggan     600
gtgggaggat cacttgagcc cgggaagtgg gaggatcact tgagcccagg aggtcgaaact     660
gtagttagct gtgatcatgc cactgcctnc acctgggcaa cagantgaga ccgtgcctca     720
aaaaaaaaaa aaaaaaactc gagcctntaa actatagtga gc                                                                 762

```

<210> 3567

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3567

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gcacgagggg aaagaaaata actttgtgaa gccagtgtat tctgttttta aaactgtgcc     120
tgcagtgcaa tactccttct ggtgtatttt atccattatt tcacttgctg gtcgtcattt     180
cacagccagc tttgacatgc ccgtgaggac aggagccgcc gcttcagttg tcaactgcaga     240
gccatcgtat gtcagttgca atttccatct gaagctatgt ctttgacttc actttaagca     300
gaaaattttg taccttggtg gtcagagtct cccttaaaaa ttgttaaata atttggcttt     360
aatgggtcaa taatttgggg tggcttcatt gtgtttcttt tcttcccagt ttaaaaaaaa     420
aactttttta gcgtaaaatc ttttaagggg acacatttat aagtctggct aatttctaata     480
atgctaatta aacatttccc attttaagggt tatatacagt gaggtctctc aggacaatta     540
ttttctgggt tgattgggca tatgtttgcc cgtgtaaaaca cggatatgat aaagtgtcag     600
taacaatgga aaaggtccca gaggcattag gcatctaaga ngatgccctc agaaacgtat     660
tctggcttga tttgtgttat taacttcaga agaacctttc aaatgtccca atatcgttct     720

```

tagtgctttg ggaaaaaata ttttaacacac tggtaataaa tttgtatcag aag

773

<210> 3568

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 3568

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togaattcgg	cacgagatna	tagntttatc	catacaatat	tgcgattgtc	tctgggtcttg	120
ttgcttttct	gcactagatt	gtgagcacca	tgacattagg	gatcatatct	ttncattgta	180
ctgttancta	cacataacan	actgcatgct	atacgttggn	aaatgttaan	tnaatgaata	240
tcttcncagg	ctagcttttt	tgatcgcccc	aacgcctagg	ctagttttct	ctcatcctgc	300
ctcanantgc	tgtgggtgatg	catcccgcga	gcacctgcag	agacancccn	gntggtaaatg	360
ttggccacag	nnccagctnt	gctgccagtg	cccatcgatg	nggacatgga	ggcgggtccta	420
gcttcaagct	gacgggtgctc	ccctgctgat	acanaaaactc	ctgattccaa	agctcattat	480
tttgtttagnt	ttatgccctg	tgtctntgta	tcaccacccc	catngntaaa	gectggtnnt	540
tatgtctgga	gaangaaggc	aatnggaggg	aggaggccta	atgngctcaa	aatcaccct	600
tttttntatg	aaagtgcctc	aaactcattt	accttggtctc	tcanancctg	aggaatgact	660
nnnttttctg	cnanactctt	tggttnctca	tttaaaatgg	accctggggg	gggaatttct	720
tttcttcaat	ctgacagaan	ctaaattttg	nccctgttnt	caagggnaan	caccaactgg	780
ggcttntact	ngggg					795

<210> 3569

<211> 801

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(801)

<223> n = A,T,C or G

<400> 3569

gntnnccntt	tgaaaccttt	tatacaatct	acttggttctt	tttgcaggat	cccatcgatt	60
cgctcagatg	ccagtcacaa	gtcccaggcc	tctcactactt	ctgaccgact	ggctacaaat	120
caggggttcc	cactacctcc	tcagattaga	taatttgctg	gataaaaactc	aggaaacatt	180
attattaagg	gcacaactca	gcaacagccc	agtagaagag	gtgcacggag	caagcaccgg	240
ggggacgtgg	agttttcttg	ccctcctagg	gtggcctcct	gccagctca	cccttggttg	300
tgcaagggtc	ccgaatcttg	tagttagagt	ttctgtagaa	ctcaatctct	aatcctttcc	360
ttttctcttc	atttctcttc	aggataaggg	accggggggt	cggtgctgaa	agttccacac	420
tctangcact	gggtctcttg	ggtgaccagc	cccatccaga	ngccatctag	gagggctgct	480
tttaatcaca	gcgttagcat	taacagttgt	gattgaaang	ggcttgtttt	gaacaataaa	540
aaatatttct	atctcaggaa	atcccaaaga	tataggaact	gtgccaggaa	ctagagacaa	600
agatgaaata	tgtcttatat	cacatttctt	ttgaattggg	taaagtgcc	ataagacaac	660
aaaaaataat	attaaccnt	ttatataaca	cttgggggta	ggtgggtata	aaataatcta	720
aaagatgaat	ttaaaagtat	tgggggagga	tgtacatagg	ttatantgcc	aaatacctat	780
gacgttttat	ataagggact	t				801

<210> 3570

<211> 735

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 3570

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ttcgaattcg	gcacgaggtc	tcttggtgcg	ctttnatctg	tcctctaaag	cacaccctgc	120
ccctccctcc	tctgtcctca	tgccgccttg	tgcggtggtcc	ccagctgttg	gtgtcagggc	180
aaggacaaag	acccnggaca	cctcangtct	gagtcctggt	gattgccagg	ccctggggaa	240
tgggggaaga	tgtggtcaga	ggctnttctt	gtgaccggng	caagatgtnt	cttntgctgg	300
accggcacct	tttgtttgtn	ccattggtgg	cagatgtgag	cnacatcagg	cgctttctca	360
gtgnatttca	cgagccacan	gtggggctna	tccaagccgn	ccagcanctg	ctgtgtgatg	420
agcaagcccc	acagaggnan	aagctgctgg	ctgacctcct	gcacaacgtc	anccataaca	480
tngcggacga	gaccnngnct	gatgaccccc	gtggnttgaa	gcttggagtt	ncgatttcan	540
agcangtntg	gctatctgan	atacanctgt	nagagccgga	tcccgagtta	cctgagggan	600
gtgagctcct	accntccacg	gtgggtgceg	agnctaagag	gaattctgcg	gtcttgcctca	660
ttgcagagct	ccgtcatcat	catgcnctat	tcaaaagacc	aagcggagcg	cttgccacgaa	720
gtgttctgca	ggtct					735

<210> 3571
 <211> 766
 <212> DNA
 <213> Homo sapiens

<400> 3571

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gacagatcct	ccctctgcag	atggtgagca	gtttcccact	cggctctttt	gattgttctg	120
caattttcaa	tgaccatggc	acaaatttat	ttaaagctga	aatacttcac	ttctattaaa	180
gcagttggct	gggtatat	tttttgcctga	aattattact	ctaggaggta	aatctaggct	240
ttattttacta	ctttgggaaa	gtacatttaa	aggccatgaa	tcagaaacta	ggttacaaac	300
gttaagactc	aaaggatctg	tatactgagg	cctatatattc	catgaagtgg	ttctctactc	360
tcagcaaate	tagtattgct	gaatgttgta	gcattataag	caggaaaate	atcttactgc	420
acataatcta	tccccacaga	aacctatgac	atcttaggtat	tatgcaggca	tgtgtcttca	480
gttggtgtgc	tccttatttt	aacctatggt	ccctataaat	acttcagatc	caaaagggtt	540
tttccacact	tcgttataaa	aaagtactaa	ctagcacata	tctgcatttt	attccgggat	600
ccacatctcc	aaaaagttga	ttataaagtt	tacagcaagc	atagaattca	aaatttcctt	660
ttttttctaa	atgaccaaca	atacaaactt	tctcatgtac	acacacatga	gaacacacat	720
gcatgtcata	cacacatcat	gcattcatca	cacaaagcaa	gcacag		766

<210> 3572
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 3572

tgaacnttga	aaccttntta	caactacttg	ttcttttttg	aggatcccat	cgattcgaat	60
tcggcacgag	gttggccttt	tcnattcaga	tgttntcntg	caggangtgc	ctgngatnna	120

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ntttggnttg ntnacatgag tttnatatgc atgcgcattt ttggatgcc aacacatagg 180
cagatgaaac taagaagcca gatgctagag atcgagngc gatgaattga aactagccta 240
actggctcca ctggttgagt cattngctca aactactcca aacttttggt tgntctactg 300
aaaacattan tnggaaaggt acagnngtaa tttanggcng ggaagcctnn atcncgtgag 360
agtnaggctc ntntatgca tgctggngng gaaggatngg agatgagagt nattttacgg 420
gcgcctatct cctcctcttn ctatcntgcc ctggactgcg anctcatctt tcatannctc 480
ttgcntgggt gtaggcccag caancggatg gattttaagn atctcagaat tttcanttna 540
tcannmtca ctntcagagn tccttttntt tntcaagggt acccagtcta actgggttagc 600
ttcttttcaa tagnctcct tactnactta cgcctagtca nggacgaana ntaatggtaa 660
ctganttact ntccccaac aaancattag ntgattngac tttttacncc tcattcngan 720
ggcnttagac cccttttggt cactttacnc aaggatgttg anacctanaa ttt 773

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<210> 3573

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 3573

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tcgattcgaa ttcggcacga ggnaaagctt catgttccgc acctgggggg cggaatgttat 120
caacatgacc acagttccag aactgtcaga agataaattt ctggtgttct cagccatcca 180
gtttgtggta ctttgtaacg gcagccctag gaagctgatg caggtgggat tgattcccct 240
gctccagaga aaggactgtt ttcacagaag aggcgatgct tgaactgaat ctgaagggat 300
caatgtggct tcccttggca aggcattggag tgaagggtga gtatatccca agtggggagg 360
acagcacgtg acatggcgca gggcttatga aacaacatgc cttcttctct tcangtactt 420
aagctacatt agtaagacca gaacttagtg gtgaggggtg aagctggctg gacaggcagt 480
taggagttag tcangcgatg gtgagcctcc gtgccagAAC aacttgtagg ctgtggaagc 540
aaccgcgaaa gggatggcag cgggtgatata tatagttgaa agatcactgt ctgctgtgta 600
gaggatggat ttggaagagt caccanagca ggaataagaa gttaaagggc ctgcaccagg 660
gctttagtag tagagtttna gaaagtcttg gggagaattg antcaccttg acctactgat 720
tcatttgga ngtgggaatg caatcatggg ggtaagtcct ctaagatagg acctttnaag 780
tgtanggatn

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<210> 3574

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (715)

<223> n = A,T,C or G

<400> 3574

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ctctctgcag ctgctcacct cctgctgagg cctctgcctt cagagctagt ggggcctgct 120
cacacattcc agtagtttcc tctttatttg tctgaacca agttgtagaa tttaaaggag 180
gtgaagtaag gcgatttcta tggaaaatat atttttcttc tttactctc atgctgagtg 240
cataagaatt tattatttcc cctgaatgtt caaagtgggt tgtgtgtgtg tgtaaaagaa 300
ccaggagcaa acaatcttaa taggaatgtg cgatcttggt tttatcttta gcacacttaa 360
ttagctacaa cccgggactg ttgccatttg aacaagttgt taagaaaatc tgccatgttt 420

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tgctcttttt	caaaaggaat	gactttaata	accatagcaa	cacttactca	gttttgtgat	480
ccactccaag	attatgggag	caagaacaga	tactcctgaa	agcaaccctc	accttctccc	540
cgccccctgc	cctcacaagt	cctgcctgtg	tgaactgaag	ggtttggaag	ctctgggttc	600
taggantgcc	cagaagctag	aaagactang	gtgtctagtt	attgaggggc	aattgtcant	660
ggcagtgtgg	gggcacccca	ntggtattcg	aggcactgga	ttgctttttg	ntccc	715

<210> 3575

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3575

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tctcatcctg	aggccacttt	ctagggccat	ttctggcacc	agatgtttta	tttcagctcc	120
cccaaaagca	aaaccctgag	gcagggatct	tggttgaagt	ggggagggga	tcccagaaag	180
tggggtgagg	gtacggaggc	atgaggtagg	aaaggggaaga	aaggagataa	aatgtgtgtt	240
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ggaatgtatc	caccaggcct	taatttatca	agatgaggat	tactcctgag	atgttaactc	360
cttggtgttg	gacctaggct	gaacatgctt	ccgtagccaa	gaaagggctt	caggtgaaga	420
gacacagaga	accttctgca	ggccacattc	caggctggga	taaggggaat	tgggtgtgac	480
atcaatagca	tctcatccca	cagtgaacta	agaagataga	agagcaaata	caaggaatat	540
ttgcatgctt	tcaatactta	ctcatcaaag	ggtcgactcg	acttanaaga	aattacaaat	600
cctgcttacc	attttcagcc	caatatgctc	acgttgggca	agccacagct	gcctttaaat	660
agtaccaact	cttgaaaaaa	aaaaaaaaact	cgagcccttt	anaactatnn	tgagtcgnat	720
tacgtagatc	ccgaccntga	taagatccnt				750

<210> 3576

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3576

tttgaaancc	ctttgctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggcgaaaca	ccactgcaag	gtgaacagcc	tgggttacta	gcanaaaaaac	atcattcagt	120
ctgtaaatat	ttatgaanat	ctgtganagg	cactaccctt	accctggagc	taacctgtga	180
cccagagagc	aaggactctt	gctttttacag	aacacatatt	cttggtggaat	gagaggggct	240
atcatcaant	aagcaaatca	ttcnatgnan	tgtgttantn	tattttccca	ttgcttttaa	300
gaaatgcctt	ttnctgggta	acttataann	aanagaggat	nnattggctn	atggntccac	360
aggctgtacc	ataagcatgg	tatcatctgc	tcagcttctg	gggaagcttc	angaaactta	420
cagtcatggc	aganggcaaa	tgggaagcca	gcactttaca	tggncanana	aggaggaaga	480
ganagagaga	ggcacgaggt	ggtacacact	nttaancaac	ctgatctcgt	gagaaccac	540
tatgggtgaga	acagcataga	nggaatgatg	tttaaccatt	catgantaac	caccctcatg	600
atccaatcnc	ctgcaagcat	gnaccaactt	caacactggg	gattacaatt	tgatgtgaaa	660
tttgancagg	gacacaaatn	caaactcatc	actaagtatc	agngcttttg	gaaaaaaaata	720
cgtnnntcca	nnctgtatag	atnctnnt				749

<210> 3577
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3577

tntatagana	cagctcttgt	tctttttgca	ggatcccatc	gattcgccgc	tgctgcacg	60
gcgatgagaa	cagcgaggtg	tggcggagcc	tgtgcgcccg	cagcctggca	gaagaggctc	120
tgcgcacgga	catcctgtgc	aacctgcccc	gctacaaggc	caagatacgt	gcttttcaac	180
atgccttcag	cactaatgac	tgctccagga	atgtctacat	taagaagaat	ggctttactt	240
tacatcgaaa	ccccattgct	cagagcactg	atgggtgcaag	gaccaagatt	ggtttcagtg	300
agggccgcca	tgcatgggaa	gtgtgggtgg	agggccctct	gggcactgnn	gcagngattg	360
gaattgccac	anaacggggc	ccnatgcagt	gccaagggtta	tgtggcattg	ctgggcagtg	420
atgaccagag	ctggggctgg	aatctgggtg	acaataatct	actacataat	ggagaagtca	480
atggcatgtt	ttccacagt	cancatcnca	ccaaaatatc	agataggaga	aagaattcga	540
gttatcttgg	acatgggnana	tatgactttt	gcttttnaac	gtggatatca	gttctggggg	600
nngnttttng	aggactccaa	agggctgggt	attcccagca	nttnatgctg	tatatggggn	660
cncagaantn	acttttggtt	nactnggnaa	acctttgtac	ggnnacaann	gnnnncttgn	720
natnnctn	nnangnnnga	naaat				745

<210> 3578
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 3578

aaatngctag	gctactcggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagcc	60
cagctctttg	ggaagctgag	gtgggaggat	cactcgatcc	cagnggntgg	agacttgcct	120
gggcaacatn	ntgcancctn	ntctctaaan	atatntnttg	catngantng	cccgnecatg	180
tggtgcacgt	ctatagcccc	agctacttca	gaggctgatg	tggaagatc	ccttaagcct	240
angaggctng	aggttgcaat	gagctatgat	ngcaccatta	cnetccagcc	tgggcgacag	300
ancgagactc	cgtctcaaaa	aaaaaagaaa	anngactntn	nncgaangga	gacacgtnaa	360
agtcttgcta	attgtcatat	ccactcccaa	ntntagcntt	tctggatgat	gnccattcct	420
nctgcaatnn	ccttatnate	catctnaacn	ttttgcaacc	tatgaactgn	ttcgtnant	480
taattactac	caatacaccc	tatgtacagg	agcatangga	aatcaanaan	antgangaat	540
tnnantctat	taaaggccac	nagaatggnt	nacacctgta	atcccaacac	tntgggaggg	600
cacngcgagt	ggatcacctg	agatcangag	ttcgagactg	gcctggncaa	catngtgaaa	660
cccngtncc	tactaatggt	ncaaanatta	ccaagccgtg	gtggcacgtg	cctgtgancc	720
caagntnctc	nggaagctgt	agcangagaa	at			752

<210> 3579
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(725)
 <223> n = A,T,C or G

<400> 3579
 gtgttgaatc nttctcncat naaacncttt gganacccac cgattcgaat tcggcacgag 60
 ggtgattggg ctggttctgt accgggtgta ctccgtgggg ggcgtnatct ggcaaagcct 120
 tggaggtggg actgtggagg caccattgat tgaactgtgt ccctgcagt tcacatgttg 180
 agggccaaac cccagtggtg gctgcatttg gagtagggca gtaattatgg ttaaattgagg 240
 tcgtatgggc ggggtgctgat ccactaggat taggatcctt ataagaacct gccaccttct 300
 ctctgccacg tgaggacatg gggagaaggc ggctgcctcc caccaggag gagcccttac 360
 tggacactgg gccctggctg caccttgacc ttggacttct agtccccaga actgtgagaa 420
 gtagatttct gctgattacg ctttctctgtc tggggcctga gctaagacag cggcgcttgg 480
 ggagaagcag aatttgagga gctcctcant ggcaggctgc cctggccctg ctgtcagcag 540
 aggggaatgg ccatccatgc tggcccttac cagccgggcc ttcantgagc tccccgggta 600
 ggtgaanctc tctaactctg tgtccccgc aaacaggccc acgagccaac gcctatgggg 660
 tggantgaaa attangaaga aacattaccc ganggggtcac tctntttnan aagacctcaa 720
 tggnt 725

<210> 3580
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 3580
 nggtnagtta atttagcctn gtgaactctt ggaacnccga ttccaattcg gcacgaggag 60
 cagagatggc cacagaagcc agagaagctg gacgaggcct ttttggcaac aaaagagtga 120
 cttaacgcag ttctaattgtc ctacattttt atgctcttat cctgcagtta caggataagt 180
 caagatacac ggtctacaaa gaaattttgt tctaatttta taatagtaga gatggggctc 240
 cactatgttg cccaggctgg tcttgaactc cagggctcaa gcaatccgcc tgcctaggcc 300
 tccctaagtg ctggattaca ggcattgagc actgaacctg gctgtacaaa gaaatttatg 360
 gcagagagat atgctcttta ttttggggag gtggcatggc attatcaaaa tagcatgggc 420
 tttggaatga aaaccttggg gaccgtgagc aaaggaagca tcatttgctt gtcttcaaaa 480
 gagggatagt gcaacttaac ctgcaggagt aaatgagata acaatataat agtatttatt 540
 aacagagtct tgctgtgtac ctatagtaca tcaagattcc atttctactt ttttctctt 600
 ttcactgnct aaaagtttta ataactttt aaataagatg atggtatatc aaaagccant 660
 tataggctac taaatatttt taattatttc ttaagaaaaa aatttaagct aaaagaacca 720
 aatgggatat ttttttg 737

<210> 3581
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 3581
 gtnttttatcc tgctcttgca ntcgtaggac cctcgattcg aattcggcac gagccctcct 60

tgcccagagc	aggcattgct	catccactag	gcacttcttc	ctgccaaggc	acctcttcct	120
gccaaagtcag	tgtctcacga	tccctttcaa	cacagccacg	aggaagccat	gatacatcaa	180
ctggcactgg	caaataaaat	caaacctatt	tgcctatcca	gtcttatccc	actttgttgt	240
tttctctaag	tagttggaaa	acaacatgtc	cagagaaaaa	taccagaact	tattctgagt	300
atgttcttca	gagcaaacct	ttagaatctt	aatgatgttt	agacactcag	gaatgagtga	360
accagttgca	ctgatagaat	caaaacaata	ctgcaaatat	tagtcatgtt	gcctattatg	420
aaatatatct	gtgtgtgtgt	atagatatga	aaaaaaaaact	ctaaagtctg	agttaaagag	480
ccctgccagg	tatagttaaa	tgctctctaa	cctatnaaga	attcaattcc	atttggcacc	540
tccaaatctg	gtatccagaa	ggaagaccag	agaagcagcc	cccgatgcaa	tttgcaagat	600
gtgttcctgt	ctgggggtgc	cacacgttaa	cagcagctta	aaaaaaaaaa	aannttnnnn	660
nnatnnntaa	nnannntnnn	tnnattnnaa	ctnnnnnnnn	ttcttncnnt	ttncnant	718

<210> 3582

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 3582

tnncttaatc	ntgctcttgc	atttctgnng	acccatcgat	tcgcccaggt	gaaaagactg	60
ctgtcagata	gcacttgcc	tccccatatt	attcagctac	tgctgacctt	tgaccctatc	120
cttggttgaga	aggttgctat	tttgttatac	catatcatgc	aagataaacc	acagttaccc	180
cgcctttatc	tgagtggagt	atttttcttt	atcatgatgt	acacagggtc	caatgtgctt	240
cctgttgctc	gatttttgaa	atacacacat	accaaacagg	ctttcaagtc	agaagagaca	300
aaaggacaag	atattttttca	gagaagtata	cttggggcaca	ttctacctga	agcaatgggt	360
tgttacttag	aaaattatga	acctgaaaag	ttttctgaga	tttttctagg	agaatttgat	420
actccagaag	caatctggag	tactcctggg	ctggcaggcg	aaccgactgc	ggaggcgcta	480
cttggaactg	aggaaaagga	ggctgcagga	caagctggcg	gcgacgcaga	agaagctgga	540
cctggcctga	gactctgcgc	cttcgcacca	ttctgtcccc	ctcatggcca	ccttgccatg	600
ttcgcgccgg	accccggtcc	cgncggcgcc	cagaaccagg	cttgccacac	agtcgccgnc	660
tgccatggcc	ggntcttnt	ggaatgttgc	ttgttgaana	tgcatataga	ctaccgggaa	720
a						721

<210> 3583

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 3583

attgggtncn	gctcnttggt	ctgctgcagg	atcccatcgn	ttcggataat	acttgtggat	60
cttgatgcta	aggagcctgc	tccttatgca	tcaagaaaca	cataaccagg	tacagaaact	120
ctgcagagta	ctcatgagt	gcaggaggag	ctgtaccaca	agaaggaagg	gctcagggaa	180
ggggacatgt	cttactcact	tgtagcttc	cacggatggg	atgtggcagt	gctcatgaaa	240
ggatcttgga	caagtgtcgc	agcagaacag	ccgtcccat	ttgttgacac	cctcacatat	300
atgtgagttt	tccggctaga	aggggagatg	tagacatcac	cgggatcagt	gagacccttg	360
gaccctagaa	tatgtgacct	ttttatgtat	caagggcaca	cttgtaaatt	tctgtcctca	420
aaatattaaa	gattgctgag	tggagatctc	agaagacatt	ttggtctgcg	gcaaagttca	480

gtagatagtg	gctgtgtgtc	aggccagaaa	agttttcttt	atgaaaccag	agattctgac	540
atgatgacta	gtgacaaaaa	taggatgaat	tagagatttt	ttgagcaatt	tattaaacag	600
ctgggaaaaac	ctggcccaga	aatagtgtct	tttctagctg	ctacatcgta	tnctttaaac	660
tgacttgnc	agggtgattt	actgagaatt	taatatgant	ggaataaaact	tctgagatat	720
cnc						723

<210> 3584
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (717)
 <223> n = A,T,C or G

<400> 3584						
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gtccaggcca	ataatcagtt	gggttaagtga	aaaaagtgtt	taaagtgaag	aattataaag	120
aaagtcatta	tggatctcaa	acttttactt	taattgaaac	cataaaaaaca	tatattcact	180
caccaatggt	ttatgcaggg	ttaatgcctt	ctctttaaaa	ttggacttct	gattggattt	240
ctacctcatt	tttcttatgt	aaacacttat	agttcacttt	tgatatttat	gggttttgat	300
ttttgaaaca	aagggaatat	gttaaaacat	atactgttca	gtaatgccac	ctaattccatg	360
cgggatatgt	cccaggaccc	ctagtggatg	cttgaaacca	cagataccaa	acatgattac	420
tgtcagtcgg	aacatttttt	tttttttgga	gacagagtct	tgctctgttg	cccaggctgg	480
agtgcnnntc	nnnnnnntnn	ntnnnttnna	antantnntt	cnnntantc	cnnttaaann	540
tttcnmatnn	tttctnnnnn	ntcnnnnnnn	tcttattnat	ntnnntnnnn	cntntannnn	600
nnttttnnnn	ttcantnant	antctttttt	caccttnnat	tnttcnnttn	tcnttttnnt	660
nnnnntntn	ntntntntt	nnttnntnt	ntnnnantan	tntntnnnn	ctcntnc	717

<210> 3585
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (746)
 <223> n = A,T,C or G

<400> 3585						
aaagggntn	attagttatc	cctttccaat	cccgtaggat	cccacgatt	cgaattcggc	60
acgagatgcc	tgccagctga	gaggcagttg	gattccnttn	gcngagcagg	catttcagca	120
gattcagcag	tcagagtgc	ccaagaaggg	tgcttttagt	tgaggtttca	aaaggccata	180
ctgtaatatg	gaaccagaaa	tcaagcagcc	ctcagaaaaga	ctgaaacgca	tctacggatc	240
atctcaatct	gattgcataa	aggtgggttca	agatttatta	gtgcttttta	ctcgcctctc	300
caatttttca	tatataatgt	ccagcaccac	atcaaaaata	accagcata	gatggagata	360
agacactatc	actaacacaa	tagaaataga	tccacaaaag	atttagatca	gggatcagca	420
catttattat	ataaaaaggcc	agataataaa	tatgttatgc	tttggtggtc	acatacagtc	480
tcttgnatat	tctttttcta	tttttgntct	ataaccctct	aaatatataa	aaactattct	540
tagcttggag	atcactcaaa	cactttctct	ggcataatca	ganatatctt	caaactatgc	600
ttcaaagtgt	caagggaat	aactgataag	attgaaaaat	tccanggaga	ngcacaanaa	660
gtcattanaa	aaaaaagccc	ctanaactat	agtggagtcn	tattaccgta	gatccccgaca	720
tggnntaagat	ccattggtgg	agttcg				746

<210> 3586

<211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 3586

aggggttgga	ngaagccctt	tgaattccnt	cggacccatc	gattcgaatt	cggcacgagg	60
ttctgagcag	ttagtacgtg	gcagttgtat	tattagagga	agcctgtctt	gttttttttt	120
aaataagctg	atagagttag	gattctttta	atcaagactg	tttgggattg	aattgccact	180
cctgcttacc	agagtgtagg	cagtttttct	taaactttcc	aagaagactg	gtgtcctcat	240
ctaaaatacg	aaatgcttac	agtaattgcc	tcatgggggt	gtttgggggtg	actaaatgta	300
gtaggattta	ctacatagta	agttctcaat	acattgtagc	tattattatt	agttcggtag	360
aaagaatgtg	cagattctta	tgagtttaag	taggctttcg	gggagataga	ttgactctgg	420
tcttttaaaa	gttaattttg	aagttgcagt	tttgtgatta	agccttaaata	ctgttattct	480
ttccttctga	aatccttaaa	aacagaatgt	ttagtagaag	gtgataacca	gatttcttta	540
ttccaagaac	tctttgctct	catgtctaac	ctttattttc	ctggtagtta	ctgatgccag	600
aagcttctct	tagtnaatat	aatacatctc	ctctctccta	atttgctccc	cgtctttcct	660
tgtaagggaa	aagtaaattt	actttccaag	cctnanggtt	atttatggat	tangtgaacc	720
actgaaat						728

<210> 3587
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 3587

ttttgaaacc	ctttatacaa	gctacttggt	ctttatgccg	gatcccatcg	attcgaattc	60
ggcacgaggg	cagagtaagt	acggtaattt	ctgcacccga	atgggtagtg	ttgcctttga	120
agtagtcacc	ttgggaagat	gtatgtttat	tccagtgaag	ctgaccttac	acagaacatt	180
cctagaaccc	tcttttagaaa	ctgtcaactt	gtaaggggtc	tcagtgttgg	taaatctttg	240
tcctttaagg	gtagatctat	tttttgagga	atgatttttt	tttttaacag	ctaaagagca	300
ttagaaaata	agtctgctaa	ataaaatggg	tgaagcagct	caggatgatc	ttgggtgggca	360
ggaggagggg	ttggataaaa	cacaaggtct	gactataaag	ttgtgaggcc	tcttgccctg	420
catggcttca	aaggtaatcc	caaaggggaa	ccctaagtgt	tcttggcaca	tgcaacatca	480
agaaaataac	tccaattatg	ctaactcttg	agtgcataat	ttctagtgtg	tttggttaaa	540
aaggtggctt	tgttcatttt	cagtcataat	tcgtataagc	agaaatggaa	aactccatct	600
ctgtgatttc	tcccaangga	aagatctcat	ctactgctta	gagaattaaa	atgaaaagca	660
cttgggtgtc	tgtctacatt	agcccccccc	cccccaaaa	tgtgccaatg	ggtaattcct	720
ggatacctga	gtcttncccc	tttnggaaaa	ntgggtnaag	gaccctntaa	aactatagtg	780
agtcgta						787

<210> 3588
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (744)
 <223> n = A,T,C or G

<400> 3588

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acttaacttg	accactgcac	tccagcctgg	gtgacagagc	agacaagact	gtgtctcaaa	120
taaataagta	agtaagtaag	taaataatcct	gtaggatatct	atgtgactca	aggctagtca	180
ctttcctatc	tatgctccag	ttttctcata	tttgagacaa	gagacttgat	tttagcataa	240
agggtgagagt	tgaagtaatg	agtgtgaaag	aggaaagggg	gaaaacatac	agagaagagc	300
agaaaacaca	agcagctggt	aggcagagaa	tgcagaaatt	caagttagag	ctggttggaag	360
atgtggtagg	ctgactaatg	gtgccccaaa	aatgtctaag	tcctaatacc	cagaacatgt	420
aaatatgtta	ccttacaggg	taaaagagac	tttggggata	tgattaattt	aaggatcttg	480
agataaggag	attagcctgg	attatccagg	tgagcccaat	ataatcacia	gcacccatat	540
aagacaggca	anagagcaga	atcagaatag	gagatgtgat	gaaggaagca	agagattgca	600
gggattccag	gaaggttctg	tgagccaang	aatgccagggt	ggacccctng	aagctgaaaa	660
angcaaggaa	aatggattct	tcttctcann	agcccttccn	cttaaggggac	ccagcccttg	720
ccagcaaat	tggccaactt	cact				744

<210> 3589
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (858)
 <223> n = A,T,C or G

<400> 3589

tttaaancctt	taaacaagct	acttggtttt	tntgccngta	tcccatcgat	tcgaattcgg	60
cacgaggtag	ttcctaggag	tggttgcat	tgggaatgga	attgttaaaa	cttgatgctt	120
aggagcgaat	gcagactatt	cattgggtgt	ttgggggtgg	ggaagggggg	gtgggcanag	180
gaggtagtca	cnggagaggg	gntctgngct	nctcnnatta	ttgcacaacc	nctaaccatt	240
gttctataac	tgcatnaaca	natnataacn	gggccttncn	ngatntatct	taacgcttan	300
nttttncnan	atatanatgt	aactaatcac	tcncttttng	taatnanctt	tncctnnntt	360
ttgtaagaac	gcnctctctc	tgnnactgac	ctttnttact	tccccccctt	tgcncctng	420
accttcctgn	tntttctcac	gtngatngtg	gcanttnngg	antaacatna	atgntnaaag	480
gcntngnttc	ttatntaaaa	tttnncactc	tccacnatnn	ntttangatn	aaaaccnnct	540
nntnttncan	aaaancgttt	tntanttnn	aannaccctt	ttannattt	tttnaacaan	600
aancntttat	ttttnttnc	catnctaacc	ttttacaaaa	ntnnnggtta	acccctttt	660
ttatataaaa	nctnnntnnn	ttatnaanaa	ttaannanta	ttngtnaaa	nnccttttna	720
aaaataantt	naaaangccc	tnnttnnatg	caannattnt	naatntgttt	ancccccncn	780
tttnncncat	nggnnttgct	ctngcnttna	ncaatntacc	ttcattttta	aaaaangncc	840
canattnttt	tnnnacct					858

<210> 3590
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (767)
 <223> n = A,T,C or G

<400> 3590

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atcctnnttc	cttccccncc	tngcnggcac	cgccnaggac	cgncggccgg	gggacgagcn	180
cggagcngcn	gccaggtaga	acnatanact	anatagcact	gaattaacct	gcactgaaag	240
ctgngnacct	gcatnatgtg	cactcatgan	gnangtgacc	ntgtcnnaag	tgcaagtcca	300
agtccagaac	cnatctgctg	ntntnacngg	gagccaaana	ctgaacanga	accagtctnn	360
acggtnacan	ncnangatga	ntatccctnn	tacnactanc	tcnctgccc	ttgaaaatgc	420
nggtngaccc	attcaaaact	tatgntngac	ccatctnncan	atatgacatg	caccagtcca	480
agntgnacaa	aagcatancc	cctctgtaga	actaaagcac	ctgtgcctna	aacttgtaaa	540
aaaacccaat	ggttttaaact	cggaaggac	ccttaacnca	tcnggantgc	cngtttaacn	600
antaanntac	catcatgaan	aaggaggtgn	catatnccac	cgnggggtann	ttgaccccaa	660
ttgccaaatt	ncccnnttta	ctttatcaaa	gtnggnanct	ttntggnggg	agggnaannt	720
atnttnantg	gcaaatgcna	naacnnccaa	aagntncnaa	aaaacnn		767

<210> 3591

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 3591

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ttgtcttact	agtagcatca	ttcttttttta	ctggctcaca	gcttggaagg	ggatgatggtt	180
tttcttatga	aagctaacaa	catttgagca	gatccagtgt	gctgggtgagt	cacagtgaag	240
gtgtggagtg	ctaaggaagc	ctcctgggtg	aaatgtaagt	tcagagaagg	tctgcagaaa	300
atacaggggtg	aaatgttatc	aaggagccag	ggtattatct	aagaagagga	gggaggggaa	360
aaatanaaaa	tcaaatacac	taatagaagt	aaaattccct	attcagaaaa	actagtgaag	420
gctgagctcc	agtaatcaga	gagaagtcta	atcangtcac	tactgncatg	ggaggacata	480
gtcactctct	ctttcangag	cctatgaagc	ttgcgagagc	tcagctangg	aataaggggtg	540
gccaganaca	gcancattaa	ctggcacaaa	tctcaagggg	cctgtggggc	ctgaaaaaag	600
gaggatnaca	ggacatgctg	acagtaaagt	cttcattctg	tgccatacaa	ttttccactt	660
ncctgnngac	tttcctcaaa	tggattttact	taaacttttc	ccaaccttna	acaggttaac	720
ttgcntccan	ct					732

<210> 3592

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3592

tncnnttttaa	tnccatcanc	tcttggttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgaggggttc	atgcagtaag	atttggttgtt	tatttgtaaa	tagaatggta	ttctattttca	120
aactttttaag	acaaacctgt	tgccgcaagg	ctgatgcaca	ttggatgatg	actgttttct	180
ggttcagat	cttggtctttg	tgatatagga	ggtatggaat	gagccctgga	caggatccta	240
agatccgggt	ttgttcctac	ttctactcat	taatagcagt	ttgacattta	atataggaat	300

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aatgttaact. tgtcacttaa aacaagattc tcttcatctt gttttcaaga tttcaagatt 360
cttttaaaaa ttagcatgaa gtatgggata atgattgggg aggaagtatt tttaaaaagc 420
cttcttgagt ttttatgcat attacatttt tattcaataa aaaattcccc attgttttat 480
tgaaatggat tagttgtcga tctctgaat tagacatatt ctttaaaaaat aagatccggt 540
gtcagccatc taaaatgttt ttataaatc atacttacat tcttttttgc cggttgcagt 600
cagcctttag tgccaagaga gaacattaca gcatggatga atgcaattgg tttgatcatc 660
actggcctcc aagtgagtta ataattgnga attggactta agngatgaaa aacaagccng 720
ctgttncctg tcaggncctc agaactatag tggaggccgn ttaccttnat ncccgccctg 780
aatnaggaat nccttgngg agtttggaca aancncaac tnn 823

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<210> 3593

<211> 1035

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1035)

<223> n = A,T,C or G

<400> 3593

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gagcaaagga ttgagagaga aaacttggct ttattgaaaa ggcttgaggc cgtgaaacca 120
acagttggta tgaaacgttc agaacaactg atggactatc atcgcaatat gggctatctc 180
aactcatcac cattgtcaag acgggccaga tccactcttg gccaatatag cccattaaga 240
gcttcagga catccagtgc tacgagtggc ctcagttgta ggagtgagcg atcancggnt 300
ntcccttcnn nngcatenta tntnaatacn tntccctntt ncnntngtte tgtntntttt 360
tatannnttc nnnccnntnt nnnccctctn tccctgtncn ntttgattnt tttantnttt 420
ntntttnnnc tcnttntctn tcnttttact atcnntatnt ctttctntnt tctctntttt 480
ntantctnt tnnntccttt ncttcacnt ntantncttc gcctntttta cnnntntntt 540
tattntctnt tctngtaatn tttcttttat atntntntnt ttcannctnn ttaattcnn 600
tctantnngt cctttccnta ttntnattn ngctannata ntttcnatan nttctcntnn 660
nnnctnnttn ctatttntnn naattcnngt ntgtntcatn tcnctnctnc ttntntntnn 720
ttttnttna tntatnttt nntatctctn ntctnncttn ntanatntta tctntntntc 780
nttctnnta taaactatac tnttnatctt nctcnntnt cntatcta atcncantnta 840
ttantttctc tantntntca tacctcganc nannctcntn acgntntntn nnatntnnnn 900
nnncttanna tnttcatnta anatattatn atantttatt tctnttctan ntntctcnnn 960
atanntnct nnantctant tncntntnt ntatctnttt naangtattt tttttnanta 1020
tctantnnna tncec 1035

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<210> 3594

<211> 992

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (992)

<223> n = A,T,C or G

<400> 3594

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ggaactagtc atgccaggna ctaaattttt gggggcagtg agggatctgg tgcagaanca 120
acctgatcaa tgggacagga cagggagtct caaaatagcc ataactgcat ataaacatct 180
agtatatggg taccacagta ttcaattcaa gggggcaaaa tagagacttt ttaataaatg 240
gtgttggaa aaattatagt tatttgntca aagagttata attttatgca ttccttacac 300

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ccatgcacta	gatgatcctc	caaattggatt	aagactgaaa	tgggaaaaga	aaaaaanggg	360
gggaattccc	tatatcatct	gggnctaagg	gaaaaaat	tttccaacct	atggacccaa	420
gttcccacat	ggtaacctgg	aaaaaattaa	aaaaaccng	gacctcntcc	tcctcntaat	480
aataatatta	ataantnnnn	aaccttttcc	aatggggcca	aaaaaaaata	aatccccaa	540
tttaaattga	aggggnaaac	caattaaaaa	aaagggaacc	caaaaattaa	aattaaaaan	600
ccanggggaa	aaaaaaaaaat	aatttgggga	ngggaataat	taattaattn	aacccaaaaa	660
cctnccccag	gaaaattcca	ttaaaaagga	accattcctt	naaaaaataa	tgggaggaaa	720
aaaaaaaaatg	ggaaaaaaag	gcccaccaag	aaaaaat	ncgccaaaaa	aaggngatgga	780
cctggggacaa	cctcaaaaaa	gggtatttaa	aaaaatcccc	ttaaaaatat	gtaaaagggg	840
ttnaacctca	cacatactag	ggaaaaaatta	aaataaaaaat	tattccggag	aaaaaagcca	900
cccatcgaaa	tngacaaaaa	agnccnaaag	cctnggacaa	nagacccttt	tggccaaggc	960
tggccaggan	gggaaaaaaa	aaaaacnccc	ct			992

<210> 3595

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (812)

<223> n = A,T,C or G

<400> 3595

nncnnnttta	attncaatca	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagc	ttcttttcat	ttttcttaaa	ctaattttctc	acaatttttca	tttttgctct	120
gagacttgaa	gggaaagtaa	gttttaattct	agaccatatt	atttagttac	atctaattctc	180
tctagacaaa	agacagtctg	gagagtactc	tttagttcta	tttattaatt	ttgtctctag	240
attgagccag	atttcccat	gcatagctgg	cattttattg	gcctctgcag	aattgctttt	300
tctggattgg	acttttgtaa	tccatatgaa	aatctctatg	aaatttaatt	gctcgccagg	360
tgtgggtggc	cacacttgta	atcccagcac	tttgggaggc	tgaggtgggc	ggatcaccag	420
aggtcagggg	ttcgggacca	gcctggccaa	catggtgaaa	ccccgtttct	ccccagaaaa	480
tacaaaaatt	agctggtcat	gagggcacac	actgtagtcc	cagctactca	ggaggctgag	540
ggggaagaat	tgcttgaacc	caggagatgg	aggttgcaat	gagtgaagat	cgtgccactg	600
catccagcct	gagcaacaga	gtgagatctt	gtctcangaa	aaaaataaat	ttaattgctg	660
tggatctgta	aanggtgttt	atcgtaacag	ttcataatat	tctatttnaa	natgcgtggg	720
agaaattn	tntggancca	gttatgcctt	tnctggaatg	ntgggtgggt	ttaccttaag	780
gccactnaat	ttcagctgat	ggtttttctg	gt			812

<210> 3596

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (830)

<223> n = A,T,C or G

<400> 3596

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ggcacgagct	tcctccaggc	attataatat	taggttaatt	tagaggagca	tatttatatg	120
tggagttaca	ttgtgttggc	cattcaggag	actgactgtg	aaagaatcca	aactttatat	180
ttctgccttg	ccagtttttt	tttccttttc	ttcactccat	ttgagacact	cttgacctaa	240
tccagtaaac	tctaattaat	agtcttggtg	aattctgttt	caagccatcc	tgagtagcgt	300
cactgacacc	cgatctgttt	cagtaaggtc	aaattagcat	cctttactat	ttttctggca	360

tttaaagtga	tgacttttgc	atgggttttc	aagtgtttat	agtaaata	tccatttgat	420
ggaaatata	atatgcatta	agtgttaagt	gctaggcaca	ccctgctgtc	actttttatg	480
gtaatcaagt	gtcttttact	ttctgttggt	tttaataggg	accagctgac	aacgccacat	540
taaaaccaca	gggactcaaa	agataactcc	cccacccct	cacccggcac	tgcttttatc	600
ttgcaaaagt	attcatgttt	ttctcttagt	atgccaaatta	caccggttct	ctgacatttn	660
cacttatgta	ctcatgggaa	ggaatgaatg	ggttactcaa	actgggacca	ttgaatttgg	720
ggacacctgg	tggactccac	tggccttaag	anctacangg	ttanttgga	acagtggggc	780
accgtggggt	gacttggcct	ttnttttgcc	agnnggtttt	gggccttgan		830

<210> 3597

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3597

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gcacgagaga	aactacttct	atgatttcag	ctggagtctg	aagatacttg	tttctgttca	120
agtcccactt	taaattatgt	cttaggagac	tgaaagtgga	atcttctgag	cattcctaaa	180
tatctgctta	gaaatatcat	gtgataaaga	gggaccttct	taatacactg	atgttcttca	240
ctaaatggat	ggccacaaga	aaaataaaagt	aaatgtctta	aataatttaa	ccataaattt	300
tctgtcatgt	gatactggaa	tatgggatac	ttttcatggt	tatatatata	tatatatatg	360
tatatatata	tacatatata	tatatatata	aacatgaaat	atatatatat	ggctcctttg	420
tgccccatgt	catttttcaga	ttatggtagc	atgctgatac	agcaccatga	aagaactcaa	480
ggaaaatata	tcaatgtaag	aagttcactc	ttagaccag	tggtctgagg	tcacatgggt	540
ttggactgtc	tcaatcagaa	agattaatga	ctgttatcaa	gaacatgaac	attggcttcc	600
tccatagaga	agaaaatcag	tatctgagtt	gcataccagg	cagtattaaa	aatctaacan	660
gtctgtttgg	cccattgata	gatctcaa	ggngtctcct	tctgggtatg	gattttgccn	720
ttggttaccc	tttctcaatg	taatggaagt	attttacaag	ccaattggng	gnnggaaatg	780
tgctcttgnc	ttttcntgnt	tacaaactac	tttcacattg			820

<210> 3598

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(856)

<223> n = A,T,C or G

<400> 3598

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ggcacgagga	tagaataacc	aattttaa	gtcttataga	taaaatctag	aatgaagctt	120
tggtagaag	tctgagctac	gtacataaga	ttatcagcaa	catatatgtt	aagggtggagc	180
cattttaaaga	aagaacagaa	gggacctatg	atttactgat	tggtgaaaat	caaaataaag	240
gaggcagaga	aaataaagat	tgtgagtcag	caggactttt	gtcttatttt	caagtggatt	300
tattgattac	ttttcttctt	acagccaagt	gcaagatttg	tgaatgggcg	tttgaaaagt	360
agccactatt	tctccagcat	atgaaggata	ctcataagcc	tggagagatg	ccttatgttt	420
gccaggtatt	gcctttttct	ccagggagtt	ttagcagttt	tgctctcagg	agaatacaaa	480
agaatctact	aatgaatatt	gttgaccacc	tactgcatac	actcagttta	ggaactctga	540
gtaggtacag	aagaaatagt	aaacacagtt	tatcttcang	gtttncatgc	cnggagaaaa	600

acataaaaaag	aacatgttcc	ctacnaaaaa	aattttttttt	taattacctt	gggcatngng	660
ggtgcaccac	tgtagtccct	agcttacntn	gggangett	aaacaaggaa	ggctcgcntt	720
gagcctcaaa	aggataagtc	cctaacttcc	tcaaggaagg	cttccggngg	aancatatgaa	780
tcatgcctnc	aancctgggg	caacaagtgg	agaatttttg	cttnttttaa	anaaaaaann	840
nnnnnnnaaaa	ctcggg					856

<210> 3599

<211> 800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 3599

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gaggaagaaa	gcagatgcca	ttttatctat	tngcacatca	ggactgacag	acatgaaaaa	120
attggccaag	tgggcagcag	agtccaagct	cgacccaaat	gaccccaaca	atgccccttt	180
gatgcagctt	atctcggttg	ctaccagngg	tgaatcctat	gtccctgatt	tcttttagact	240
ggagcagctg	caacaggagt	ttaactttgt	ttcagatcaa	gaattaaata	gatccaaacg	300
atthagctt	cttcatctta	gaagccaaga	ggtgccagaa	ttccgaaatt	ataagcaagt	360
tccagtctat	gaccgagaaa	ttatggaaaa	ggtattccag	gactatgaga	aacggttacg	420
agacagaaat	gtaatatgaaa	ccaaggaaca	catagacacc	catagggcca	tagtagccaa	480
gtacctncag	cagggttagag	aatcagngat	aaatcgtttc	ttaattgcaa	aacaatatatt	540
tntttttggc	tgntatggat	agnagaagaa	gaagttccca	atttcancat	tttgggncta	600
agccttttca	agctngccan	aacaaaancn	gaccactgng	gncaaggnga	aaaaggngng	660
nangaangtg	ancnncccca	aancctngnn	tnnnnggaga	cntaaaannt	ggctnnngaa	720
nattngnnnn	nancttacna	cnttccaann	gnnggaaanc	nnnnnttnnn	nnaannncaa	780
nnncennnnn	ggnttttnng					800

<210> 3600

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3600

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gcgggcgcgga	ccggaggcng	tttccgttac	tatggcaatg	acggcaggga	ctacaacaac	120
ctttcctatg	agcaaccata	cccgggaaag	agtgactgta	gccaagctca	cattggagaa	180
tttttatagc	acctaatttt	acagcatgaa	gagagagaaa	ccaggcagaa	gaaattagaa	240
gtggccatgg	aagaagaagg	attagcagat	gaagagaaaa	agttacgtcg	atcacaacac	300
gctcgcaaaag	aaacagagtt	cttacggctc	aaaaggacca	gacttggtt	ggatgacttt	360
gagtctctga	aagttatagg	aagaggagct	tttggagagg	tgcggttggt	ccagaagaaa	420
gatacaggcc	atatctatgc	aatgaagata	ttgagaaagt	ctgatatgct	tgaaaaagag	480
cagggtggccc	atatccgagc	agaaagagat	attttggttag	aagcagatgg	tgcttgggtg	540
gtgaagatgt	tttacagttt	tcaggataag	aggaatcttt	atctaatacat	ggaattttctc	600
cctggagggtg	acatgatgac	attgctaata	aagaaagaca	ccttgacaga	agangaaaca	660
cagttcttca	tttcagagac	tgttcttggc	cattagatgc	cgatcccca	gntgggtttc	720
attcctcng	gatattnagc	ccgacaaccc	tttntttggg	ttgccaagg	gtcatgtaaa	780

attn

784

<210> 3601
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3601

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gannaaaggt	gtgagccacn	gcgcccggnn	tanntaagaa	nnatnantnn	gnncttgeng	120
nanaacatct	gtntnnncaa	cttantacna	acaaatatna	nnattaaacn	cttcactttg	180
ncttnnnaac	tgntcnaaac	actgncactt	tggttnnaaa	actgctccca	caatntngct	240
agcattttttg	gngattcaac	attcatgtca	aaccaccaca	ctagggctcc	ccagtttctt	300
nattnactca	ttgttgcatg	cacanatttt	ggatgatct	atctcagccg	gtcctactcc	360
ttnggggatt	ccttacacct	ccaaaatttt	gaattataag	cntttttctc	cnaganctcc	420
ctcattnttt	tacttatctt	aatcattctc	ntccaacanc	acttnatnta	ctttgggaat	480
gccaangaat	ccgatntctt	nttcactcgt	cattacctct	ntgcctgctc	tntcttttct	540
tggntgttat	ngaccagtt	tagaggatgc	agagtncttn	aatataatca	ctactttgaa	600
aacatcctca	gctgttttgc	tcctnttgac	tttgcttggc	aaaactcagn	cntggctaaa	660
acttntggcc	atttgcacct	gcctcaaaca	ctggngctgg	ctacaaacaa	ntgctaccag	720
catngactgg	ntccacttng	naattcggac	cncacctcat	gtaggnnctc	ac	772

<210> 3602
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3602

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ggctttccgt	ttgcatattt	aatgaactt	tgtggctttt	gttaagtata	ataaaaagca	120
tggagtcaaa	tataagccaa	gagtattaca	gagactttta	ggctgactca	gtatctcaag	180
ttctgtgtag	attcatctaa	acactgctgt	tatccatgct	atactttacc	atgttatccc	240
aaaaggggaat	catcagcaaa	ttttaccaga	aactgctgaa	ttcaagatat	attcaatata	300
tattataactt	ctgacatcct	aggaagccta	tccaaagaat	acattacttt	gatagaattt	360
gttcttttatg	aaaattcatt	ttgactctca	ttgataactt	tattccattt	tgggggagga	420
ctgaggagtc	agtgggatgg	gaacagagct	aactacaaag	tctttgagtt	tagatgggca	480
gcagaagggg	aaaggaagta	ggccgtggga	tatataagga	cttttccaat	ggaaaacaat	540
tgtcagtggga	acctctatga	ctacttgttc	aatttcagaa	ttaaacttcc	tgtatatattt	600
aggtggaatc	aagctgagtt	ctagtcaaaa	tgctcgcatt	atttcccatg	aaaaatcccc	660
caaacaccaa	gcagacagaa	cagtggttga	taaaccatc	atattccatt	tctgaagaaa	720
atcatcaagc	cccaaactct	gttttagaaa	atttctcaag	aactaattct	n	771

<210> 3603
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 3603

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ggtttctttt	tttcagagtt	ttgctgctaa	gaaatatctc	ctcaacattt	gacttcatng	120
tggccaataa	tggctctctga	attgattcag	acattcacac	agcttgaaga	agatctaaaa	180
gatgaagatg	agtcattgag	aagcaccaac	aaagtaaaca	gaacgaaagt	ttcagtccccg	240
gatgcaaatg	gaccctcagt	gggggagata	ccccagagtg	aactcatctt	gtatttatca	300
gcttgcaaat	tcttggaacac	agcgtttctt	tttccacctg	acaagatgcc	attatttcaa	360
atttataggt	gggcatttat	tccagaagtg	gacacagagg	gccctgcctt	cctgtcggat	420
gtagaggaga	atcaccaaga	atgcaaacc	cacactgtca	ggattctaga	acttctaaaa	480
ttaaagtttg	gggaaatcag	tagctctgat	gagatcacca	tgaagagtga	attccccgtt	540
ctgcgccaac	attctgtttc	cagcatcagg	cagttgatgc	cattcttcat	gactctaaat	600
ggtgcattta	agaccagag	acagctgcct	gctgatagcc	caggaaactcc	attcttggac	660
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<210> 3604
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(858)
 <223> n = A,T,C or G

<400> 3604

ttntttnaat	tttcnaatnc	ttgctctttt	attccgnagg	atcccatcga	ttcgaattcg	60
gcacgagggt	agcacaggcc	tgcccttgca	cccatgctgt	acagtgcggt	tactagactt	120
gtggccggtg	ttgtgctgtc	ttctcattag	catgcaatat	tcacttgact	gaattccttt	180
ttagctaaga	gaaatattac	agggcatgat	catttttaggt	tattaagggtg	tctaactcaa	240
tatgtaaact	gctgaaaaga	attatatgtt	tntatcagat	aatctcaaca	tttcaaaaga	300
caacacattc	agactacttc	cctttncccc	caacttttat	ctaagtngctg	naacccccat	360
gactagtgn	cnaaanangn	gttttagtna	aattnnagtc	acccgtggat	nacaaangca	420
accctggatt	cccaatcctg	cttgtggggg	ggtttntng	gccaaatnga	nttaattttc	480
ttgggcaana	aannttttnc	ttcttaccat	taccnggaac	cccantantt	gcccaaactt	540
ttggnaaatt	ttttttaagg	aaaaaaaaacc	tggaaatngg	gggttaaatt	cttggnaaaa	600
ntntttttt	tttaaaaaac	ttncattttt	attttaaaaa	aaaccccccn	tttaaacctn	660
gggggntcct	tttncctttt	tggaccttaa	nttaaatgga	anngatttgg	ggaacccaat	720
anantnaata	nnantatnnn	aanaananaa	ttnattnatn	ttntancnaa	ntaaaaaaaaa	780
aacccttttt	naacnttttg	gnngggccgt	ttcccnnaaa	cccnanctta	tnanaannnt	840
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<210> 3605
 <211> 1718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1718)
 <223> n = A,T,C or G

<400> 3605

nctctaaaaa	tatctttttt	nattataaaa	ctttcnaaaag	tcttatngga	cnttngggna	60
actccttaaa	aaacntccnt	naaaaataaa	ggnaggntct	ttntttgggg	ncctcccaaa	120
nantttcnna	tactctaact	gtcancnca	cnctcnacca	tactcaaca	tntatntctn	180
tacacattnt	atctcncana	cnnantacna	ctctnattac	tctnctatat	atntacnaaa	240
ctactntcct	natnntactc	tataccnata	ctctctctat	cntctatctn	tntcatactt	300
anagnngncn	natactacta	tactanatca	ctctnnnctc	atacaccant	ntnccntatn	360
tatntcntca	natctcattn	nttatntnac	natannctac	acncnntnac	atctaacata	420
nnnnnataac	natctcannt	tatctnntnt	ncaannctcn	mntatcactn	cnattcattn	480
aannacttan	accnccnntc	annnnnnaca	ncnncaactt	anctnntctc	cctannctna	540
ccctcncata	catattnnnt	anncncnat	ccttacntna	caantntcat	cctancnct	600
tcnactntca	ttctccnttn	ccttnatnac	ccaactcnca	ntcacaanat	ncntccncac	660
cactcttntc	antacncaac	ctattcatnc	nncatnatan	tntntanntc	ncatacacna	720
ccccatncta	tnatcaancn	ntcantcctt	cntttntaat	catnnanccn	netcnctcc	780
tatnatgnnc	tctgccccta	nnntatcctc	ttcacnacaa	cncnactctn	netnccanac	840
natcntnata	nacncantnt	cactntatct	taacatnant	nnanaccacn	tactccatan	900
tcnntctaac	atactnnatt	aanaatanat	tactnctcnt	atntcctnct	atctcnatca	960
ctcctccnnc	ctcattacac	atctcttata	atctncnnat	nncatntct	ntcatctctt	1020
ntatcntctc	tatnnnactc	tcctatcnca	tntatcnaaa	cattactntn	tntatanatn	1080
acactctcnc	atcncctcata	ncactatntc	ncttnttata	tatntanatt	atcatcgat	1140
acntcncetac	tctcnatcac	tcnatatact	atanactnta	tnccncatat	cacanaacana	1200
cctntcatnt	ntcacactcn	ctntnntana	ctatntcnca	ctcctcacan	ctctcatatc	1260
tctatacatc	nctactctnt	ntntnctntn	tnatcntctt	ncattntntn	ctctatcntt	1320
tcnntcatat	ncgntntcan	atntnacnat	catctctncc	atctntctct	ngtctntnat	1380
tncttccacn	atctctcttc	anntttacac	acacntacat	tctatnttct	ctctatcttc	1440
tnctctnacc	tntctcnctn	anacnacata	tcttatatcn	nnatntcat	nacnntact	1500
atcatacnca	tantacacca	tatntntnca	tctctctncc	antnccntat	ctctatacnc	1560
tctatatacnc	ntttcatata	tanttaacnac	atnnctatan	attcntatat	ctctaccata	1620
taetntcttc	tactctatca	ngtaantatn	ctaanntatt	atttatatcnc	ncantctctc	1680
tcacncaccn	ctctatcnca	tcntntctcc	tctatccn			1718

<210> 3606

<211> 1015

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1015)

<223> n = A,T,C or G

<400> 3606

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tccagcatat	tattattatt	atagtaatct	gattcttttag	caattcagag	aactcacctc	180
attagtgtc	ccttgctcta	tctgggcctg	tgggaaaata	cccttgcatc	tttctatggg	240
natgggccac	nggancncca	tctgncttta	acatttttga	agnattggac	ttttnaagga	300
agcngnacnc	aattcccntg	gtncntncna	ttctagaanc	ccgnaancgt	ttcccnngcn	360
anttaaaggg	gaantnttcc	ccccttgntt	gtttgccncn	cccngtttt	ttacagnngg	420
gccgggtttt	aaaaaagana	ngtgntntnt	nttnaaaaaa	ttannatann	ntcnntttt	480
ngggggccatn	ncccttntng	nnnnnnnngg	tgtatgnacg	aaccnnannn	atnantntta	540
ntnnnnnttt	ttnanttttc	ccacgnnctn	tnnttncaat	tatcnantct	cnggtactcn	600
gggcctcnat	cncaantnta	natacccctt	nnnttgcgnc	ncnananatan	atgnnnncn	660
ctataantnn	ggantgttg	nnnccnaana	natnntntan	tnatangtan	tgtnnntctn	720
nnnnctatac	ccnctgtngn	ttgtgcancn	ctcgngtacn	ctnnnnnacan	natnngntat	780
aatanntngt	ctcccnntag	ntgntntana	gtgacnntcc	ttntttaang	naccatctnt	840

cggnnancgt	nactaacctn	antttan	ctctentat	naaancgtna	ccccgcctnt	900
gnaatggngg	gaatngnatn	nnnaagtnnc	ntnacaangt	nnngtcttan	ngtntgcctt	960
cntcgtatn	tntannttgc	gnnacannng	gtgnnnaann	taaaggnnncg	cgccn	1015

<210> 3607

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 3607

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gcctagttgg	ccatcagact	ttcagcaact	tttatcatcc	agatagtcac	caaatagaat	120
aaaatagaaa	aatcccttga	gcaatgaaac	aattgtgaat	gaacacaaaag	tccatgaatt	180
taatccttat	ccgtttgctg	agccaagcat	gtgcatctgc	agtgggtggc	ccaggctggc	240
agcacagata	ccaccatttc	ccttttcttt	gctcagggca	tgccctgttt	atctcgttgc	300
accagatgan	gggttggaag	gatgatgggtg	gtgggtgttt	cagatctact	gacagcaatg	360
agaaatcaat	gacagttgac	aggaagagag	gaccntcca	caggcaaaaag	aggaatgccc	420
agcaatcttg	gtccttgcn	tgcaatactg	gccttgaggc	caagtcagca	ggggattcgt	480
aagtcactaa	cttctaactg	aggcagggaa	agtaccatgt	tctggaaaaan	gtnccaagaa	540
acnnggaatn	gangcagtgt	ancaagaagc	agattttggt	gccaataga	tttgaatcct	600
ggttctgctt	cttntcttgt	agagtatgat	attgggtcctt	ttntctnccaa	agctntnttt	660
aaagacttaa	tatgtncncc	aaatcttttn	ggatgtctga	cttttnaatg	cttnacaata	720
ggnatttget	ggnattatta					740

<210> 3608

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3608

tnntcnaant	tcnngctct	tgtcttttgc	aggattcctc	gattcgaatt	cggcacgagc	60
ttggaggctg	tttcagcta	gagaaagacc	tgcttatttc	tactgaata	aggttccaac	120
aggctgccaa	atcctgtgta	tgctgtacc	caaaggaag	gagtgccttt	cctcaattca	180
taaaaaagac	aaagacagt	gtaggatca	gctattatgt	cagtacatga	aaggaacccc	240
ctatctcaat	caaaatggta	aaggaagctt	gtctcaaata	acagcaaaga	aactcagttt	300
accagactat	aaaagttctt	tggtcaagaa	gataaagagc	tctncagaat	aagaatacct	360
atacatgtat	ggatgtgtgg	aaagtcgaca	aaatgtgtnc	aagcaagttg	aattctggaa	420
actttgagtt	tagcaaatag	gagggttaaga	aggctgttac	cgtatttgag	gaaccagatc	480
ttgaaggggt	catattccat	aataagtata	atatgaatat	taattttgna	atagaacagt	540
ttctacctgt	ataaaaagga	agccttaaag	agatngaagt	tagagattta	ctcatanggg	600
ggatgattgg	taactactta	cttatttccg	gaatntcaaa	agaccctant	ggaatngggg	660
gattntangg	ggaaaaaaat	ngacctcttt	tctcaaagat	gaaactgnaa	atTTTTTTac	720
cttaagaccn	ttgnaanaat	ggaaattacc	tttttaacct	tggt		763

<210> 3609

<211> 730

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 3609

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aaaacttttag	aaagggtcta	ttgaactttg	gacaggcaag	ctccatgagc	tctccctcac	120
tctttgaggc	agggttaaagg	gtacggccat	gaccaccacc	ttaatccttc	agggactatt	180
tacaaaagat	tgaaaaatgt	gcccagggcc	cgtacctgcc	cctctgtgga	actagcccaa	240
ctcaagtggg	ctggcaggca	agcctggctt	tcatggggac	agaagagaga	gtttgcgggg	300
agcttggcat	ttttcaacac	atgctttttg	gcttctccta	ctgnattgna	atltccatga	360
tatttggtgg	gaaaaatgga	cacccggnct	cTTTTgcttt	ttgnctgctg	cttttcagct	420
attggggatt	ctgcgccttg	ggataatgaa	gcangctgtc	atttncttcc	cctaaataat	480
gcattacaaa	gtggaaaatgc	aaatttccctg	tgcaagctct	aaataccagg	tggtatttcc	540
ttaatatatt	gnttttgacc	tttggggaaa	ttggtattac	nagctgactt	tggaaattaa	600
aatacatcaa	ggncctcatt	ttaaataaaa	caatcgatat	cttaattttt	aaatcagact	660
ngattcnatt	ccnggaaaag	acatncatat	ttgctttatg	nggtnaaagt	ttggaattca	720
ggaggacaat						730

<210> 3610
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(706)
 <223> n = A,T,C or G

<400> 3610

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gatacgatgg	ggtgcttggg	ggatgggcca	tggagggtccg	tgagctggaa	ctgggcacac	120
gccatcccag	agggttcagg	atgccccagg	aaggaaagaa	gggcaacaga	ctacacgatt	180
ggacgtgtgt	ggttgactgg	gatgaagtgt	gagggagggg	cagggccttg	caggggattg	240
gtactgatcc	cagggaggaa	agtgttgggg	cttcatgaac	tangatgaaa	ggagcccctg	300
accatgacaa	ggggcacatc	caggatttnc	gccaccctga	atttagtaga	nctaatangc	360
cctggttggt	actnttgggc	aaggaatgcc	gtnaaccttt	ganggtncgc	acccacttgt	420
gtgttgccct	cttgtntctgn	cggggaaaca	tnacccctt	gtcttaacca	ccaaactttg	480
cttgtgtntt	cancaanggt	tgncctttcc	caangactta	ctgnatgtac	ccngacccta	540
agccttgcc	ttcacatatt	nggagctttt	ggattcatnt	gactttgacc	ccntctgctn	600
tcacttgngg	cctgaactgt	tgatcaatgt	tggcanaatn	aaccnccttn	tnnanctaaa	660
gctactttac	catccatata	atgggattna	aaaaaaaaaa	aaaaat		706

<210> 3611
 <211> 885
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(885)
 <223> n = A,T,C or G

<400> 3611

ttnttcnaan	tttcggantn	ctcntttctat	tgcaggattt	nategtcctt	aatttcggca	60
cgaggcaagc	tgagagctg	cagaggctgg	tagcgtggct	cagtccaagc	acagaggcct	120
cntnaccatg	gaagctgatg	gtataactca	gtctgaggat	gaaggcttca	gaacctgggg	180
gactacaggt	gcaagttctg	gagaccgaat	gctggagaac	cttgagttct	gatgtccaag	240
agaaggagaa	aaaggacttc	ccagctccag	aagagggaaa	aagcaaattt	ggctttcctc	300
tgtcttcttg	ntctatctgg	gtcctctgct	gantggatgg	tncccaaaac	ttttgggtga	360
aggtagggct	ttcttaccct	gntcatggat	tcaaagtcca	atctcttttt	ggaaacactt	420
tttccagnac	ataccccctt	naaataaaaa	tnttttancc	ttgtatcttc	ttnttaaaaa	480
ntaataaaaa	aatttttaaat	attnttatnt	tncnntnttn	nnnnnccntg	ttnaanntnt	540
atttttnttn	anngactnaa	ntcnntacnn	tnnctcttcn	ntannatnna	antntcnant	600
tnanccttna	ntnnatcttt	tntanntnan	ntanacnnt	tntannnct	tnnatantna	660
ctatnttctt	tgtttantnt	cacanttatc	tntctctctn	mntatgttnt	aattctactn	720
tnnnatattt	aaatgtcnat	ntntatctnt	nanaccatnt	tnncncanan	tntttatcta	780
nttctananc	ctttatnntn	ttntcnttat	ttntgtctt	gtntntatcn	atttntttat	840
ntcnntntan	tntcttantt	nttannattn	antananttn	tnccn		885

<210> 3612

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 3612

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gataataatt	agacaaactg	aactaaattt	ttttaacaga	tacctgagt	ccaagcttaa	120
cagatacctg	agtgccaagc	ataataaaca	ggaaatatac	acttcaaaaa	agaaaaagaa	180
aatgaatgc	atacttatca	aatacttgct	gtaagagcat	taagtacttt	acataagtca	240
aatcatttaa	tcctcatgac	cctaagaagt	tatttttaaag	atcttttgag	aatgagaaaa	300
aaggatgagt	aagggtaggt	gatctatgta	aaacaaataa	attctagtna	ctggcacaagc	360
tgagatttga	cctaaatcaa	tctgccagaa	gttctgagtt	attttccatg	tgccctcacat	420
agcagaaagg	gagatggcat	aagcacatnt	caggcctaga	ggtaacatat	actctggcaa	480
aagcntaaaa	ggtctatgaa	attttacagc	aaggaaaaggc	tatttctaac	agggaggact	540
cagaggaaa	gaagccaccn	tttaaagttt	gggtaccttg	aatnaatttc	ttaagacntt	600
tccccagatn	ggaggaccg	gggaaagaaa	gaaanccttc	ccaggaaggg	ccaanccngg	660
agccatgggt	gtcaatgggt	gtggtttaan	gggcccngaaa	aaaattnggt	gggggaaacc	720
cnacccccag	gncnngggaa	aaaaaannnn	nnannnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnanaaaanc	ctc					793

<210> 3613

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(870)

<223> n = A,T,C or G

<400> 3613

ntttnnnnnn	tttagngggc	cnttgcgntn	gntctttctg	caggatccct	cgattcgaat	60
tcggcacgag	caacagtccc	aaccagtcca	attagaccaca	tttggtgctg	ctccttttcc	120

ttctaaacag	tagataacttc	tgatggattc	tcggcattaa	ctcctgtttc	aaaaaagtgt	180
gaacagtttt	atgaatttga	aagaaaattt	gggtagctct	ttatagcatt	cattcttaaa	240
gatcagtc	gaatanggtg	attctaaata	aaccaatng	aagaatgaag	tatctctaca	300
gggtagtaac	ttggattcct	cttcaggag	aaaaaggag	ccttaaattt	gcaagcctct	360
taacctaaag	gggtttcttg	gntncctngc	cttttccaac	ccccnnaaa	tggcnaagtt	420
gttggggggc	ctttncctcat	tgnnnaaaaag	cccccttgg	ggacctttt	ttaangggng	480
gngttanncc	cncntttnt	aaaagggncc	ccntnggaaa	cccggtggan	ttttttggat	540
attcncnaaa	agnggcaatt	tttttattgg	ngcnnntttc	cccttcaaaa	anttangggg	600
gnaattttct	accataccnc	ttaagtttnc	acccttnngg	aaaatttttt	ttttaaangg	660
gccccntttt	taaaatttcc	cagacaaggt	taaaaaccna	tnttanttat	tntttnaaag	720
ccnttttnaa	aaggtattat	ttttngnnna	agggcnntaa	anttttnagt	ccttannccc	780
tttttttcnc	aaaanctanc	cnnnaattaa	ccgcnttttt	ggggcctaaa	anaactnggn	840
cattttttta	aanaaaaggg	ccntnttaat				870

<210> 3614

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1046)

<223> n = A,T,C or G

<400> 3614

ggcgggtcct	ccnggaaaa	accccttttn	gggaaattcg	gggtagnnga	aaacnctttg	60
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nnnntnnggn	ggancccnng	gnacgggttt	nccncttttn	nancgngacn	ngngggcacg	180
ggggancngn	gcacnagnan	canaangcac	ggagccggcc	nnaangngan	agtaanncnc	240
ctaangaang	tagangannn	aaacatggnt	ncnccacaag	gcangagcag	caccttgggg	300
ctgctggnaa	gcccnnnatn	atgggggncn	ncttggacna	ngtncnggca	naaagggggc	360
gggggcatnc	naanccnnnc	ccctcnncat	nngcaancnn	cnnancgggg	naacccaacc	420
agngcgaaat	anccancggn	gccntnaatg	cgcnaaacca	nggggcanca	cggaggggncc	480
tnngcgcggn	nacaaggcnc	acccctngna	cacgngngng	gggnacnnca	cncnccanacg	540
agcnggcanc	gnancccnnc	ncatnanggg	acccctacnn	nnnngggggc	nnannntnng	600
cgnngggggc	acantaccan	nanacaccgc	gngcganaca	nnctttccaa	accacggacg	660
aaannaccnc	gggagnatan	taanaccnac	nnccaaanng	gnncangcac	aateggcaac	720
ccntgggnnn	ntncntnang	ggagcccgga	nccccccacc	cagnntccnn	gananncaat	780
gnncnccnnt	cnannaccnc	nccnntaanc	cnggggcnc	gngggnaang	gnggangccc	840
ccnnnacggg	ggnccctana	gnccctaaa	antnaccccn	ngnntncaca	aacnncaana	900
agnggcnann	nccctcgggn	ganncaaaaag	nnccgcaneg	cnnnnanenc	cnnnangntc	960
ntcngnnncn	nccacnnggn	cntccgcnc	gggagnncan	nggnnnnccc	ctncnctncc	1020
naaaagcngn	gcntcnnnca	accnc				1046

<210> 3615

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3615

agggctgctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	gagaaaagga	60
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```

gccagaactt gatgattttg aaaatttctca gccttttctgg ttggcagagg gtgatgaaat 120
tgagacacgg caaagatcaa ttcaagagcc actccgggga gaatggcggg ctaaagataa 180
agccaagact gtgccttttaa agcctgctgt taagacctga naaggtagtg ccttagcatc 240
ctcttcagtc acactcaagg cctctccgtc aaacaatagg gcttctacct ttttagcagg 300
agcccaaggt agaggtanaa gagttcctct tggagagatc tatgggtata gcttttgnct 360
attgcngtga gatatgcnnn aaatccactg tagctaggac tgacnngaaa agaacngtnc 420
naaatgaaaa gagctgtcgg cacccttagc attctgctgg caggaaccag ctgagaaagt 480
gctcangact acacatgccc ctttcatcaa aagggaaga tgactcanaa gttggaagca 540
ngagcctaga natgaaggcc aaaagtcatg ggagaattct ttttccaatg gttgagance 600
taattcangg aactttcaag nggtttgncc ctggctngga attcannaag tccagtattg 660
ggatcaatgg actctttttg nngccccccc caantttcct gggcctttcn ttttggtang 720
aaaaaagggt ttttnccct ttt 743

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<210> 3616

<211> 906

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(906)

<223> n = A,T,C or G

<400> 3616

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gnnttnnttt ttctaagggc ttgctccttn tntttctgca ggatcccatc gattcgaatt 60
cggcagcagc ccacacntgc catattgaac cgtttctgca ctaatcttct ncacgggcac 120
ngcgtggagg gaacgtctag gggaaanggg agagcttgac ctccatctag gttactttta 180
tctggnnaaa aangaacact ttttggactt antgtaatng ctntngnccc tgtaaaaggc 240
aangctance ncttaacttt cccanntnna ccttttnagc cagggaacca aatgnaaagg 300
gttaatggtn tnncatggaa caggactact ttgcttcccc tttggnggac aaantttccc 360
tagaacaan cttacccttn aaaacaccca aaaacnttcc caanccccc cantggnntgg 420
gcattagnga agcatggtn gtncccaaac tttacccaaa aggggacntt ggggagccca 480
ccctttntga cttcttgttg gaaattactt tntannngag gaacctggac ttggccttgg 540
antanaaaaa ccccttgtaa atttnccctn naanttancc nnattcccc taaaagacnt 600
ttntnttgg gaaaganttc atttngcctt gntacntatt tccctttttt tngngtggca 660
ttaaatttaa ttttatttaa accttggttt caaactggac caacatttgg gttttcttnc 720
caacttangg gaaatttttg gaanttcnaa aactgnttcg ctttttgaaa gancttngct 780
tttttttgg naaaanngtt ttnggaattt gggctgttaa ccnaanttc cnttnttgg 840
aatcccnna gganggggcn anatatcttg gggcaaaaaa aatnnctnngg taccctttt 900
tggnntt 906

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<210> 3617

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1235)

<223> n = A,T,C or G

<400> 3617

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ctaactnctgt aacctanntt tcttgacgcc nntctgcnc taaactacnn tgnctnnggn 60
nctcncct taenccaccc ctcacccccc tcttttnnt ctccgnngcc tcccccccc 120
ctcccnctn nntgcccnnc nccctancn ccccnennct tcnnctcgn cntnctct 180
ccttccnc ctenccccct tectcnnt ctnccccct cccccctc tccgcacctc 240

```


tctntccccc	tncctgtgt	ccccnccct	ncccttccn	tctctctncc	ccnntacttc	300
cncctccccc	ncactccctc	ctctcnnccn	ctnccctnnc	tncenctcan	ccccctctc	360
ccctctcacc	cncctccccc	cnnnnccccc	ccccctctc	tnnnctctct	cnncccnccn	420
ctctctcttc	tccctnnccn	nccccctcnc	nccctctacc	ctnctccccc	nnctcctccct	480
ncctacctcn	accttccctc	nnccncccn	acnccnanncc	tctctctnnc	tccntnctct	540
cncncttcc	ctctncccta	tncnnccntt	ctccccnttt	ctccnctcc	tctcctctcc	600
nnctcctctct	ctctnnnat	ccctctcttc	ccnnccnctc	tccnccntct	ntctctctc	660
ttcatcatct	ctctcacatc	tctctctctc	tctctcncct	tccactctct	tctctntttc	720
tacctctctc	cncctctnca	ctctctccct	ccctctanc	ttctctctct	ctcnccttn	780
tntctnccct	ctctcctccc	tctccttcc	ccnntcctcc	tctctcctcc	ntctctctcc	840
naacctctcc	tcccccttca	cttctcctcc	tctcctcttc	cttccccncc	tncctctccn	900
ccccnccncc	ttcnnngcat	ccccctctt	ctctcncctc	ttccnnncc	ttcctctctcc	960
tcantctcacc	ctnctnccctc	ctctctctcc	cctcctctcn	atcccccccc	ttctctctcc	1020
cctctatccn	tctccantcc	tncctctctn	ctcnncttac	tacacnctcc	ctctcccccc	1080
ntntcctncc	ncctcctatc	cctctcnatt	cctccncttc	tcctntctnc	ctcttccct	1140
tctctnctc	ctctccccct	ctntcctnct	ccctccttcc	ntctnccct	cctctctct	1200
ncttcttct	cncctctccc	cnnctcctc	nccct			1235

<210> 3618

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(999)

<223> n = A,T,C or G

<400> 3618

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gaattcggca	cgagcccaac	cccaggtgtg	ccgctgtctg	cccttgagag	ccctgccccn	120
cgctgtgacc	ccggagatgc	ncgcccgtgt	ggtagactgg	ctgggtccang	tgcacgtagg	180
agtacctggg	tctggctggg	gacacacttt	atctggcggt	tcacctgctt	gattcctacc	240
tgagcgtgtg	cccgngtgcg	tntacatngt	ctgcaactgc	tgggcgtggg	cttgccctgtt	300
tgtggcgtgc	aaaatgggaa	aagtgcgtgc	tttcengaga	ccnacttnc	tnttgnntct	360
tgnnngcgga	nnntcttttt	ttannnggng	ggaactttat	tgnnctnccc	aaacnntngc	420
anttcntnnn	ncnccnctn	gaattttctg	ggcttnanta	ccaaannccn	gnnccganng	480
nttgatncc	tncggacttt	tttggnnccn	ntccttttnc	aangganatn	aaatcccccc	540
aagttgaaat	ttttancatt	gtgncanncc	taaatttntc	tgggaanctt	ggtanttttg	600
acttgganag	ncnccnaatn	gccnnnccng	ggatttttga	aaaccccggg	ttnnctnatn	660
ngcnnggttt	ttgngnnatt	tttttnnacc	cttnggggnt	ccaannnnnn	attttggntt	720
tctaaaatng	gggggcctng	gggcttttca	atnggggntt	tcatagcncc	cannnaaaan	780
tntttttaac	aatatacccc	ctnanngngt	aaantttgng	ggananaacc	cctttttnat	840
aagnccctn	ttntnaaaaa	atttttntta	aatgggnan	atcnntnta	tttttanacc	900
tntanganaa	atttctcacn	tnaacatttt	tgtnatatan	nggatnnnc	anaatatttg	960
gtnanccaaa	aaatatttta	tgttggacnc	cnaaaaann			999

<210> 3619

<211> 879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(879)

<223> n = A,T,C or G

<400> 3619

cnaaatacng	gtacntatct	tencaaaggn	nnctanntng	ccctaaanan	aatngngtnn	60
gggggttang	nccattttga	tgttacagga	tacttgtaag	tgactttttg	ccattctctt	120
ttgttaccca	tggcctttgt	caccccttg	aatatctctt	ttactcagtt	ctcactttct	180
gttggtgaca	tacttggtga	catgtnccac	cantccatga	aatgaaatac	catatcttcc	240
ttgtgtngat	atnacttttg	tgagtattta	agacatatat	nntnaacnaa	tgtaaaactt	300
nnnaaatnga	ttctcttctc	atnaaaaaac	atttaaagg	aacattnana	atatnctnnn	360
nacntttctc	tgaagacctt	acnattttcta	ttactttcaa	actcccnnta	natcancctt	420
ctactacnag	agtgaangga	anaccctaac	anatctnccc	tngtganttt	tacctttgat	480
ctacaangcn	ctcctttcac	nnttcnnggt	cnttcttacg	ntanccgnat	cctntttcct	540
ctntttcccc	anccatcctt	cccnataat	tgcccnctcn	tcnanttaac	cctcnctctt	600
tgcnttgnaa	cccctcgccc	ccctcctcgc	cnnccctttt	cttnangatn	ctccccctng	660
ccatccnnac	ccttcgcnnt	aacccccanc	ccctctncta	ccttttctnc	caaaaaacgt	720
cctnccatcc	cctantcggn	nantctngnc	cctcnannna	tnctacctc	tcaanctcnc	780
cantcaaacc	nccacattcn	cccanannac	aaanncnngn	naccnnnnta	ntccatntnt	840
acactctccn	nanctactn	ctcnccnnnt	acnctacct			879

<210> 3620

<211> 959

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(959)

<223> n = A,T,C or G

<400> 3620

nngtnttttn	aatttttcnna	agnccctncc	tttcaaacct	tgatccccat	cgattcgctt	60
ggggtgagtc	tcattcttcac	cctttcacca	actgtcctgg	taacaatctc	ccttccattt	120
ccttgttctt	acagcatacc	ccatagaatc	aagcctcggt	attgccagg	ctgaactgac	180
ttttttgttt	ttgtttttgn	tttaagcagt	accattgngc	accttgggaa	aattcctgtg	240
ttgatcta	tttaccatat	tcttctactc	actgaccact	ccaattagga	tactcctggc	300
actcctggnt	ttagagaggc	ttagatatgt	ggctatttat	ccttttggnc	ttnancactn	360
ggnttttgnc	ttttanctaa	accnggant	ttcctgggga	nccaaaaact	tgtnnaaatng	420
ttntttttcc	cnaggaagtc	ttcaaattnn	gggaaaaccc	cccaangcct	tgtgnggggt	480
ttttggccan	ncnaagggcg	ttantattnt	ngnncnata	atttttcggg	gttggaaaaa	540
cccaactctg	gttgggnttg	ggggaatggn	nccttttnaa	aattttggcn	gggngnatn	600
tttcttgga	taggccncc	tggaaaacc	cccaaaatnc	ttggaacagc	ccgcaaataa	660
anatttgggg	nccttcnctg	ggnnctttct	ttaaaanaaa	nggcctttgg	gnancctttt	720
tnggggggaa	aaagntgggg	gccctattta	aatttcggaa	aacggaaata	cgtntccctc	780
ancaactttt	naaaaanaann	tncataaagg	nnaanaaata	accttggggg	ngcccttttt	840
aagaaacccc	ttttaatntn	gngaccnnnn	nattttaacc	cttngaatat	cccaggancn	900
tttggtttta	aggaanccnn	ttttggatcn	aaaatttttg	gggacaaaaa	ancccccct	959

<210> 3621

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(839)

<223> n = A,T,C or G

<400> 3621

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tggnnnttttg aaattncntt agggcctgct cttttcnaat cngtnggacc catcgattcg      60
tcctattttta cgtggttggt gagaggatcc gatggaatga ctagctgaaa gtgtttgtaa      120
aagtcaggat  aagtaaagca atgctgcagg aacaaacaat ccccaaattt cagcagctta      180
ctacaaaaaaa atatgtattt ctcactcatg ttcatgtcca atgtgtgtta gcaaggagat      240
actgtctctc  acagtcatgc aagaccctt  gctggggaag ctgcacctnc atatatgctt      300
ctaccatcac  cagggcagag gagagggagc atggtggatc atcactggct cttaagactt      360
tacttgngng  acatatgtna cctntactca tggntnatnn ggccaacca  ttacatgggc      420
atagnctnac  tttaaaaagg gcaggagaag tgcaaaactta tcatgggccc caaggagaag      480
agaatcanag  tattttctgaa cagntttaat ttttgccag  accttgaaag tnccttaagaa      540
attagcttcc  aaaaaatatt atggaatatt tttcaattct tccaaagcca gcctgggtant      600
ttnggattca  ccaaccggga aaggtccttg gnaacttctt aaaacttggc naggggaggc      660
cttttacctt  ggaatggtnc aannaaattt anctcnattn aaantttcaa accaaggggt      720
caaaaattcc  aaccgaatgt tnanccaant ggggncncca aacctttgaa acccngnng      780
nncccncttt  nacttaagct tacttgnnnn accngaactg ggnnnaaaan ntnntccn      839

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<210> 3622

<211> 874

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (874)

<223> n = A,T,C or G

<400> 3622

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tnnnnnnnnnn aagagnnnnn ntttgaanct aatgctgggc tacttgttct ttttgcagga      60
tcccatcgat  tcgaattcgg cacgaggcgg ctggcggcaa aacctctcga tgagccctg      120
cccgatgccg  cgggggagag gccgngacgg gaccgagaag tgggctggga gcagaggteg      180
cggatgtggc  nagecaggcc ggggcccatg cngggaccgg aaggggccc  ggagtggcng      240
gcacgccagg  gtcagggtgc cggncgaggg anggggccc  gggttnggga aggggncng      300
gtgagggagg  ttaaacagcc ttgcaggcct nngggnaccg atgttgagc  gcncngcng      360
natgtgcgag  ggcccgtccc gcatctcggg gcccatcccc acatacngac gctctgtcct      420
gacaactnca  tgetgcccac tcngctcaag ggcgcctcga tggaaaccgc tgaactggac      480
ttgctgactt  ccnacgggcc ctggacacna ncgntgcnc  tngggccctg gcattangtc      540
cngngggc  gaaaaggatn ctggnagnnc cggtnacgc  ccngccttgc gggngacntn      600
ncttnntgc  naacttcgag ggggggatct taaccttaag gttccctggg gngccctttt      660
ttttaaaga  nnggaaaagg gacnccctta anggncccc  nttgaaaaaa agggatntaa      720
acccttggan  ggcccggggt tncaannngg aaagaaattt tcaaaaaaan cctcnttttt      780
taaaaaaaa  aaccnnggg  aaacnctntt tancccnng  ggnaanncct anggggggnc      840
caantcccc  aaaaggggcc ccccttttgn aaaa                        874

```

<210> 3623

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (749)

<223> n = A,T,C or G

<400> 3623

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agagnntnnn tntttgactt tnatgcttgg tctactngtt ctttttgean gatcccatcg      60
attcgaattc  ggcacgcagg tnngatcctg cactcnnttt anngagccct tgnccnaatg      120
ccntgnngga  gaggccngga gcgggaccga gaagtgggct gggagcagag gtcgcggagg      180

```

tggcgagcga	ggccggggcc	caggcgggga	ccggcagggg	cccgggagtg	gcgggcacgc	240
caggggtcagg	gtgccgggcg	agggaggggg	cccgggggttg	gggaaggggg	cccggggagg	300
gaggtaaaca	gccctgcagg	cctcggggca	ccgttgcttg	gcggcgccgg	cggcatgtgc	360
gagggcccgt	cccgcctctc	ggggcccac	ccccagacc	gacgctctgt	cctgacaact	420
acagggcgcc	gactcggctc	aagggcgcc	cgagggaaac	gcgctgaact	ggacttgctg	480
acttncgacg	ggccctggaa	ccacgtcccc	gtggcccctg	catcggtccc	ggtgccggag	540
agatcctgga	gcgcggccac	gcggccgtcg	gggacgtgct	gttgcaactc	aggggggac	600
tncctaggtc	ctggggcctc	ttntcaagan	gaaggaccct	taaggaccat	gagaaggaga	660
acctgagccg	gatcaaggga	gatttaanaa	acctttaaaa	gaacanganc	cccaaccng	720
ggancaaggg	ccaagccaag	gccccttna				749

<210> 3624

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3624

agagnnnnnn	ttgtanctna	tgctggnnnta	gcgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggcctccc	gacccccct	ctccccctcc	ccacctatcg	tcattgacggc	120
ctctccggat	tacttggtgg	tgcttttttg	gatcactgct	ggggccaccg	gggccaagct	180
aggctcggat	gagaaggagt	tgatcctgct	gttctggaaa	gtcgtggatc	tgccaacaa	240
gaaggtggga	cagttgcacg	aagtgcctag	tagaccggat	cagttggaac	tgacggagga	300
ctgcaaagaa	gaaactaaaa	tagacgtcga	aagcctgtcc	tcggcgctcg	agctggacca	360
agccctccga	cagtttaacc	agtcagttag	caatgaactg	aatattggag	tagggacttc	420
cttctgtctc	tgtactgatg	ggcagcttca	tgtcaggcaa	atcctgcac	ctgaggcttc	480
caagaagaat	gtactattac	ctgaatgctt	ctattccttt	tttgatcttc	gaaaagaatt	540
caagaaatgt	tgccctggtt	cacctgatat	tgacaaatgg	gacgttgcca	caatgacagg	600
agtattttaa	ttttgagaag	agtagttcaa	tctctcgata	tgaggcctct	caagttgaag	660
atatggggaa	tataatttta	gcaatgattt	cagancttat	aatcacagg	ttcagatcca	720
gagagagtgg	attncaagtt					740

<210> 3625

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3625

agtnntnnnn	tnangaatcc	ttgctggnn	cgcgtggctt	tntgcaggtn	gcccacgat	60
tcgaattcgg	cacgaggcct	cccagcccct	tttctcccc	tccccaccta	tcgtcatgac	120
ggcctctccg	gattacttgg	tggtgctttt	tgggatcact	gctggggcca	ccggggccaa	180
gctaggetcg	gatgagaagg	agttgatcct	gctgttctgg	aaagtcgngg	atctggccaa	240
caagaagggtg	ggacagttgc	acgaagtgc	agttagaccg	gatcagttgg	aactgacgga	300
ggactgcaaa	gaagaaacta	aaatagacgt	cgaaagcctg	tcctcggcgt	cgcagctgga	360
ccaagccctc	cgacagttta	accagtcagt	gagcaatgaa	ctgaatattg	gagtagggac	420
ttccttctgt	ctctgtactg	atgggcagct	tcatgtcagg	caaactcctg	atcctgaggc	480
tnccangaag	aatgtactat	tacctgaatg	cttntattcc	ttttttgact	tcgaaaagaa	540

ttcaagaaat	gttgccttgg	ttcacctgat	attgacaaac	tgggacgttt	gccacaatga	600
cagagtat	aaantttgag	aagagtagtt	caatctctcg	anatggagcc	tttcaagttg	660
gaagatatgg	ggnaatntaa	tttagcaatg	atttcaganc	cttataatcc	anggtttcag	720
atccngagag	agtnattac	aagtt				745

<210> 3626

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 3626

agtnnttnt	tntgactcnt	tgctggnnna	gctgggtttt	tgcaggaccc	atcgattcga	60
attcggcacg	agccccaccc	attagttntg	tgggcctgcc	caacaccttc	ctgggttcac	120
atccggccag	acaagaaaga	agccaaaaaa	ctttccgtct	accactgcgc	ctcctcatgc	180
ccaccccatc	ctattagcct	aaaatggaac	gggctaatta	gtttatttgt	atagggaggg	240
gtttcagctg	cctggacaaa	accaggagtc	cactgtccaa	gcttcttctg	ttttcctgag	300
ctcagaagaa	aaaaagtgtg	ttagactaag	ataataccgc	cttttgaata	tctcggttc	360
atatttgcct	ccatgagtga	gagggccaag	tgttatctgc	aagttgaatc	ttctatatcc	420
aaaaatctcc	atcccttttt	tctgccagcg	cattcccaga	tcagccgttc	acttgctcta	480
agcctctata	atctatgatt	ttcttttctc	tttaacctgc	tctttccatt	ggccagttta	540
ttcattttctc	agctacagct	tcagaggggc	tcaccttcng	gcttccgncc	caagggcatc	600
tggaggcttc	agttctgntt	tctctgctga	gtcaggagcc	agcccacttg	atttggtctc	660
cgtgtatctt	tgngtctctg	ctcantctnc	tgctagtgtg	ccttgggtgc	ctcatcaatc	720
tctttccatc	ctggg					735

<210> 3627

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 3627

agagnnnnnn	ttttngncta	atgctggntt	actcgggctt	tttgcaggta	gcccancgat	60
tcgaattcgg	cacgagcccc	acccattagt	taggtgggccc	tgcccaacac	cttcctgggt	120
tcacatccgg	ccagacaaga	agaagccaa	aaaactttcc	gtctaccact	gcgcctctctc	180
atgcccaccc	catcctatta	gcctaaaatg	gaacgggcta	attagtttat	ttgtataggg	240
aggggtttca	gctgcctgga	caaaaccagg	agtccactgt	ccaagcttct	tctgttttcc	300
tgagctcaga	agaaaaaaag	tgtgttagac	taagataata	ccgccttttg	aatatctcgg	360
cttcatat	gtcccatga	gtgagagggc	caagtgttat	ctgcaagttg	aatcttctat	420
attcaaaaaat	ctccatccct	tttttctgcc	agcgattccc	cagatcaagc	cgttcacttg	480
ctctaagcct	ctataattta	ttgttttctt	ttctctttta	cctgctcttt	ccattggcca	540
gtttattcat	ttctcagcta	cagcttcaga	ggggctcacc	ttcgggcttc	ccgccccaa	600
ggcatctgga	ggcttcagtt	ctgntntctc	tgctgagtca	ggagccaggc	ccagcttgat	660
ttggctcccg	tgtatctttg	ngncnctgct	cantctctgc	tantgtgcct	nggggtgcctc	720
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<210> 3628

<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3628

agagnnnnnt	tntancta	at	gctggnatag	ctgggctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gagcttgatt	aggtcttttag	gggccgaggg	actagccagc	tgcacagggtg		120
actggatggg	ggagggggcan	gtgaggtggg	tctacagagg	tggcttcgcc	tttgaccttc		180
atgctggtct	cggctgaggt	gacacgctag	tgacagccca	ataggggggtt	acccttattg		240
agtaaaatac	ttcagattga	cagctcaatc	ttagtttgcc	tccagttaat	cttttatgct		300
tagggattaa	atgtgtggtt	ttttntttgt	nnnnntttt	tggagacgga	ntctcgntct		360
gtcaccocang	ctggagtgca	gtggcgcgat	ctcggntcac	tgcaacctct	gcctcctggg		420
ttcaaacgat	tctcctgcct	cancctccca	agtagctggg	attataggcg	cccaccacca		480
tgcttggtta	gntttttatt	nttagtanan	atgggggtttc	acctntgttg	gccaggctgg		540
tctcgaactc	ctgacctgct	ngatctaccc	acctnggnct	cccaagtgtc	gggattacag		600
gcgtgagcta	acatgcctgg	ccaggggatt	aaaatattca	aacatgttgn	gtgtaccag		660
atatgctgnt	aatttangaa	aaacagtnca	atttctatga	aatgggtggg	gactatttnc		720
tgtantcaat	acattnggga	tat					743

<210> 3629
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 3629

agagnnnnnn	ttgtanctaa	tgctggtnta	ntctgtntct	tttgcaggna	tcccatcgat	60
tcgaattcgg	cacgagcttg	attaggtctt	tagggggccga	gggactagcc	agctgcacag	120
gtgactggat	gggggagggg	caggtgaggt	gggtctacag	aggtggcttc	gcctttgacc	180
ttcatgctgg	tctcggctga	ggtgacacgc	tagtgacagc	ccaatagggg	gttaccctta	240
ttgagtaaaa	tacttcagat	tgacagctca	atcttagttt	gcctccagtt	aatcttttat	300
gcttagggat	taaatgtgtg	gttttttttt	tgttnttttt	ttttggagac	ggagtctcgc	360
tctgtcaccc	aggctggagt	gcagtggcgc	cgatctcggc	tactgcaac	ctctgcctcc	420
tgggttcaaa	cgattctcct	gcctcagcct	cccaagttagc	tgggattata	ggcgcccacc	480
accatgcctg	gctagttttt	tatttttagt	agaatggggg	ttcaccctg	ttggccaggc	540
tggtctcgaa	ctcctgacct	cgtggatcta	cccacttggc	ctcccaatgc	tgggattaca	600
ggcgtgagct	ancatgcctg	gccagggatt	aaaaatattc	aaacatgttg	ggtgtaccca	660
aaatatgcct	ggtaatttag	gaaaaacagt	ccaatttcta	tgaaatgggt	tgggactatt	720
ttctgtagtc	aataccaatg	gggatattct				749

<210> 3630
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3630

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agtgtnnnct ttgaaacctt atgctcggta tagctgggct ttttgcagga tcccatcgat      60
tcgaattcgg cagcagagca tgccctaaag agggaccagc tgtagtaggt cagtttattc      120
aagatgtcaa gaactcaagg tctacagatt ccattcgtct cttagctcta ctttctcttg      180
gagaagttgg gcatcatatt gacttaagtg gacagttgga actaaaatct gtaatactag      240
aagctttctc atctcctagt gaagaagtca aatcagctgc atcctatgca ttaggcagca      300
ttagtggtgg caaccttctt gaatatctgc cgtttgctct gcaagaaata actagtcaac      360
ccaaaaggca gtatctttta cttcattcct tgaaggaaat tattagctct gcatcagtg      420
tgggccttaa accatatgtt gaaaacatct gggccttatt actaaagcac tgtgagtg      480
cagaggaagg aaccagaaat gttgttgctg aatgtctagg aaaactcact ctaattgatc      540
cagaaactct ccttcacagg ctttaagggg acttgatata aggtcatca tatgcccgaa      600
gctcaatggg tacggctgtg aaatttacaa tttctgacca ttcacaacct attgatccac      660
tgttaaagaa ctgcataggt gatttcctaa aaactttgga agaccagat tggaatgtga      720
gaagagtaac ctttggtcac atttaattcn                                     750

```

<210> 3631

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 3631

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agnnnnnnnn ttttactaa tgctgggcta ctngttcttt ttgcaggatc ccatcgattc      60
gaattcggca cgagagcatg ccctaaagag ggaccagctg tagtaggtca gtttattcaa      120
gatgtcaaga actcaaggct tacagattcc attcgtctct tagctctact ttctcttgga      180
gaagttgggc atcatattga ctttaagtga cagttggaac taaaatctgt aatactagaa      240
gctttctcat ctctagtga agaagtcaaa tcagctgcat cctatgcatt aggcagcatt      300
agtgtgggca accttcttga atatctgccc tttgtcctgc aagaaataac tagtcaacct      360
aaaaggcagt atcttttact tcattccttg aaggaaatta ttagctctgc atcagtggtg      420
ggccttaaac catatgttga aaacatctgg gccttattac taaagcactg tgagtgtgca      480
gaggaaggaa ccagaaatgt tgttgctgaa tgtctaggaa aactcactct aattgatcca      540
gaaactctcc ttccacggct taaggggtac ttgatatcan gctcatcata tgcccgaagc      600
tcaatgggta cggctgtgaa atttacaatt tctgaccatt cacaacctat tgatccactg      660
ttaaagaact gcatangtga tttcctaaaa actttggaag acccagattt gnatgtgaga      720
agagtacctt ggtcacattt aattn                                     745

```

<210> 3632

<211> 1304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1304)

<223> n = A,T,C or G

<400> 3632

```

gnnagcgttc ncncttntng gaaacnttt cnaantngct ggggaacncc gaaatcgcn      60
nnagggtcgc natgcganc gcaaagtcac accaaaactt cacttaagta gtccctattt      120

```

ttactccagt	gcttatnnca	ttatctagca	gaatgtacct	tcattngatc	cactatttac	180
cantgattaa	agtgaggcng	tcngtggagt	tatacgnnac	tnngnagact	tntgtctanc	240
gaaatacann	anacaaccnc	anaggaccat	aantttnatg	cctatagaac	atnnnangaa	300
acaggagcag	gatcntngtc	tataatatan	caaacttgnt	tnnacatacc	tancnacaac	360
ctacaaatgc	tcttanaaacc	ancctanctn	antgctnccn	agtttttctn	ggntnaactc	420
cnactnttng	gngcaantgc	aggntcacnt	ancctnctn	cccnantgna	naaactnnnn	480
ccccnnanan	ctntnntnta	gctcannnct	ctttaacnac	ntnnnnnatnc	ntntnannat	540
cagccaggnc	accnacanta	nttcanttcn	ttnnccaatc	annactgnaa	tntnnctt	600
nnctntttnc	ncttctnnct	aacatcacgg	ctatnecgnt	aaatnttcta	cactcacggg	660
tgananactc	ggnetnacn	tctnecggag	netatacctn	tcgcnnnnca	cagtntgcgn	720
tatnnncnaa	taagaanaa	atctnctctc	nnananantc	nccnttcctn	aaccannaca	780
nnntgnntct	catnnacnnt	ncgtaangcn	agtaacnecg	tantcancat	actnacatan	840
nagtntatcn	aactntncnc	ttctntnanc	tananaecgn	tcacncttnc	ntatanaact	900
cntattanac	tcanaacngc	tcctnngnga	tngtntctct	tatnganann	nnnncannnc	960
tanngnnnat	nactccgacn	gtacacctat	ataatagant	ctntacncct	ctattcatca	1020
gatnnanttc	tcanaagant	nnnnntaaca	ttatnncnac	tanacnatgn	tcancctna	1080
nattcggnnc	netacacntn	ctacnccatc	tcnagentnn	tacttctcac	aannnancct	1140
nctntacnnc	ntacanatan	tatcacanat	ccnecnaant	ntntntnctn	cntagnngta	1200
canactnncn	tctatntcta	cnnataaata	tntcctatcn	netcanatcn	cncntntant	1260
cngntacgnn	tntecgannc	nctcctcatc	ntntcngnac	nent		1304

<210> 3633

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (732)

<223> n = A,T,C or G

<400> 3633

cnaaatnctt	gctacttttg	atttccngna	ggatcccatc	gattcgccga	tttacagatt	60
gaagcggtaa	attagtgggt	ttatgggtatt	tctgtaaaca	gggataaagt	ggaccctgac	120
aaattcaata	ttgtctgaag	agacaatcta	ttctgggtct	gttggacttc	agggatattt	180
tctttttttg	taaaatgaaa	actacaaaga	aacctgactt	ttcaattttt	tatacatgta	240
attttctaga	aatctaggaa	gtcatattaca	catecttata	taccatgagg	ggcaaaaagta	300
agctttcttc	ctcccaaagc	aaaactcttt	ttccttaagg	agctggaatg	ccaccttgaa	360
attctgagtt	ttgagctttc	agtcattttt	tggctggaat	aggtgggtga	aatttcctaa	420
gtctgctctg	tgatgtncct	ctgaagggat	gcancatgaa	ccattgggtcc	ctttatgcga	480
tcatgtcccg	ggctgcactn	acanggtttg	gggcanaaaa	aanccaaaaca	tttcaccac	540
aggcaagctt	gcttntcggn	aacccccnaa	gctgggtcct	gcgacagaat	ttggtnaagg	600
acccttnacc	gnttggtcac	tggctgcatt	tgnggccaan	accccccccc	gcctnattnn	660
gaggatttta	aaatttggan	tgggttggct	ggccttgcat	ttccgnanct	tatgcctaaa	720
aaaaattttc	ct					732

<210> 3634

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (1278)

<223> n = A,T,C or G

<400> 3634

ctaccgcctt	atgntatcgn	nctttccnna	anananangc	tnggcgaatt	cggcagcagg	60
atctatctct	tctccctgcc	cattaaggaa	tcagagatca	ttgatttctt	cctggggggcc	120
tctctcaagg	atgagggttt	gaagattatg	ccagtgcaga	agtcnnancc	cccccccnnc	180
cnentennca	cnccctcenc	ncnttccctnn	ntccccctc	ccnnntccnn	ccnnnnnnct	240
nancancnnc	ctnacnncct	cncnctcnn	cncccncca	ncncccnacn	ccaaccnnnn	300
ccnnncnnnc	ncaccanccc	tnntnncccc	ncnnatntnc	tcnancnt	acnncnctn	360
ttcctctctc	tencnntcnc	cncncctttn	cacnctctc	ntacctcnc	netnctctcc	420
nnncnnncnc	ccntctann	acncctannc	accccccn	atacanctcn	ccnccnctnt	480
tcncccnncn	ntcanntcnn	tnntcncnc	tnnnncctcc	ncnnnttttn	nantccaanc	540
nacnncnnt	ncntctctt	ntatcncctc	cttacctctc	tcctactcn	ctctcncctc	600
cncctctccc	tcnncctct	ctnnctctc	nnnanctctc	ctcncccn	cncactttcc	660
anccttctnn	ncacacccat	tcnntacac	nnncnncnc	ctnnccctnt	cacnnntct	720
cncnctctc	ncnnanncnn	netncannac	ncnncctcnn	ctctannann	cncnnnnnn	780
ncnccnctn	cncncatctc	tnnctctnct	cntntncnca	tctcnntntt	ctntcnnnc	840
acncacttcc	actnntcnct	cctcctannn	ncanctcnnt	tctncccnnc	acnatnatnn	900
accnccnnnc	tncatcnnnn	tnatccccctc	tctcncctc	nttcannnn	cacnacttcc	960
ctcccnnttn	ctatcncant	cnttcacnnc	netcttccnc	tnatatnttn	ntacnctcnc	1020
ctctcacctt	cacatcatna	tacnacnaca	cntctatnna	nnctcncnct	ctancnctnn	1080
ntacnnccan	nnncnncnct	accnncntcc	tttcnccctn	tctctnctnn	catctnnnt	1140
nantctntca	nttctctntc	ntnctctttn	actctncnnc	netnncacna	ctntctatnc	1200
nnccacnaat	cancatcnct	cctctctnnc	cntctntctn	nnctctntac	tnancacatn	1260
tnctcctntc	tctccct					1278

<210> 3635

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3635

gnnnttnnan	ncnnnttnc	aaatngctag	gctactngtt	ctttttgcag	gateccatcg	60
attcgaattc	ggcagcaggc	tgtttccctca	agaaaatgaa	gaggaagga	tggtcangg	120
aaagttaatc	agagggaaaa	tgctactctg	tanagagtaa	aanatttang	atgatgatac	180
gatctgggaa	aaaanggcac	agtgaanacc	acttaaanac	aaactgaanc	ctatgaagg	240
gcatgctatt	ccccagagc	tgaaaagata	agtgaatng	tgtatgaact	cttaagtgg	300
ggtgaagcag	aattttattag	ccaccaacca	cataagtgat	tatgaagtaa	ctgagaaaca	360
ggtaacattt	tttcccatc	ggacaaaact	ttctctttct	agaatattaa	gtctctatga	420
tgagaaatga	agtagcatct	caagcagttt	ataaatctac	canaatatta	gaatcacctg	480
ggacctttga	acgtactcat	gcccaggtct	actntattca	tttattnttt	tgtnnagatg	540
gggacttcaa	ctctgtgtct	caaagtatcc	tnccacctcg	gcctcctaaa	gtgtgaggat	600
tacaggcggtg	agccctgtgg	ccagccctac	taggtctgct	ttggaccaat	taaatcaatc	660
tctgggggtg	gaacctgggc	tttaagtatt	tttaaaaatt	ttcctaggtg	ggtctaatta	720
atactcggat	tgagaaccct	gctacacatg	gaatnttatt	cc		762

<210> 3636

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3636

tnacnaatta	ntntgctctc	gtncctttccg	naanaannng	gcgnntcggt	gagacggagt	60
ttcaccatgt	tggccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcg	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcacacgcgt	tttcttctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccggatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tggtggagca	420
gagcgttccc	tgactcctcc	aaggaaagga	gactcccttt	cccggctctg	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcccttatgc	540
gggcatgaca	gaaggctccc	ctcttgccct	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgccgg	ttattcctag	gttatattat	taatgcaaca	gagtaatat	660
aaaagcta	gattaataat	gtttataata	atgatggata	attggttcat	gatcatcgct	720
gtatctaatt	tnnattatga	ctatncttat	tctattntct	ttatatactn		770

<210> 3637

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 3637

tnacnaatta	ntntgctctc	gtncctttccg	naanaannng	gcgnntcggt	gagacggagt	60
ttcaccatgt	tggccaggat	ggtcttcaac	ttctaacttc	gtgatccacg	ctgctgggat	120
tacaggtgtg	agccaccgcg	tgtggcctct	gggcaccttt	tgaagctgaa	gcagagagag	180
aaggcggcag	gcacacgcgt	tttcttctat	gaacttataa	gatcaaagac	tttaagactt	240
tcactatttc	ttctaccgct	atctactacg	aacttcaaag	aggaaccagg	agtacggaag	300
gagcatgaaa	gtggacaagg	aacgtgacca	ttgaagcacc	acagggaggg	gttcaggcct	360
ccggatgact	gcaggcaggc	ctgggtaaca	tccagcctcc	cacaagaagc	tggtggagca	420
gagcgttccc	tgactcctcc	aaggaaagga	gactcccttt	cccggctctg	tcagtaacgg	480
gtgccttccc	agacactggc	gttaccgctt	gaccaagggg	ccctcaagcg	gcccttatgc	540
gggcatgaca	gaaggctccc	ctcttgccct	ctattcactt	ctcacaatgt	cccttcagca	600
cctgacccta	tacctgccgg	ttattcctag	gttatattat	taatgcaaca	gagtaatat	660
aaaagcta	gattaataat	gtttataata	atgatggata	attggttcat	gatcatcgct	720
gtatctaatt	tnnattatga	ctatncttat	tctattntct	ttatatactn		770

<210> 3638

<211> 928

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(928)

<223> n = A,T,C or G

<400> 3638

ctaannatta	attanntagc	ctaaatngcn	naacnntgnt	tnngcttngg	gccaancat	60
ggnnccnnt	aagtaagatn	tntnnnnngg	agctgganaa	tcagnactgt	cccagccgat	120

gggtngttcc	nactggggagc	anangaagcc	ttgaggacct	actcacanat	angaattgaa	180
gattatcttn	aaaacaatct	tccactantt	ctgacnatac	ttggagcctg	ntccacgtgc	240
atnccacctt	gggaagcctc	tncaaagagc	tttcngagct	nacactgaca	gntncanttt	300
ccncanaaac	ccacnatagc	ctngctgngt	ctgtctnccc	ggcangagtc	catnctcact	360
gccgggacac	tcatnacant	ctccacgntc	tnoctcttcc	cancctgnat	ggagcctccn	420
nggctnnnga	acgntnccca	agtcaatnct	cacnnatncc	ngnagctgcc	tntnagcact	480
nntcttggcc	canctccctc	cttgacanaa	tcatnaccca	ncatgacncn	cactnngcca	540
tnccnntcna	canttttttn	tentcattnc	atnttntctn	cccatngnna	cntcnaaacc	600
nnctagtana	ccccancant	ctcgnnatct	nencaaccng	nncancnana	cntttgntct	660
ttntncnntn	tgatcntcca	cctnntcttn	tctnncnatn	tncaataatc	ntaattccta	720
nacatnctac	tcttaaacnt	ccnttnctta	nnttcccaca	catctgttna	tacntatccc	780
tnctnccca	tgnntnnnat	ctcanntccc	cnngnccctn	annatnttac	tcagccctnt	840
cctttatnna	nntcnntnca	ccncggnagt	nnnnccatan	cnnanatttn	nncancacan	900
cnctctcntn	ttttcaaacc	tncncccg				928

<210> 3639

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 3639

gaacntatct	ntgtgtagct	cgnantnncc	taaatanaat	aggctgggng	aattcggcac	60
gagagtgagt	ggtcttacca	aaaatccagt	atccttgcca	tccttgccaa	atcccactaa	120
accaaacaac	gttccttctg	tgcccagtc	tagtattcaa	aggaacccta	ctgccagtc	180
tgcaccattg	ggaacaacac	ttgtgtgca	ggctgttcca	acagcacact	ctattgtaca	240
agccacaagg	acttctttac	ccacagtggg	cccatcagga	ctctatagtc	catcaactaa	300
tcgagggtcct	atacagatga	aaattccaat	ttctgcattt	agtacttcgt	ctgctgcaga	360
acagaacagc	aataccaccc	caagaattga	aaaccagaca	aacaaaacaa	tagatgcttc	420
tgtcagtaag	aaagcagctg	atagcacatc	acagtgtgga	aaagccactg	gcagtgatcc	480
aagtggtgtc	attgatctca	caatggatga	tgaagagagt	ggagcttcac	aagaccccaa	540
aaaactaaat	cacactcctg	tatcaaccat	gagttcttct	cagcctgtgt	cacgaccatt	600
gcaaccata	caaccagcac	cgnctcttca	accatctggg	gtgccaaaca	gtggaccatc	660
ntcagaccac	catacactta	ctacctacag	cttcaactac	ccngaatgt	aacacatcgt	720
ccagtaactc	angtgaccca	caagaatncc	ctgtaccaag	agctccttnn	aaaccaccan	780
n						781

<210> 3640

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 3640

ctaacnaatt	antgngnang	ctcgtncttn	ccgaacnana	nnggcggggg	cgaattcggc	60
acgagattta	gtcactagct	ataatacatt	tagtgaacaa	atgtagtctt	gcactaaaat	120
tagagaatac	ctatcctttt	caagaatata	taaaataatg	accatatata	taccacagag	180
taagctgcaa	ccaattctag	ataacttaaa	tacagaccat	gtttggaaat	ttaagaaaaa	240

aaaacacatt	tataacttgt	ggatcaaaaa	agtcatagaa	cttagacaat	acttggaact	300
gaatgtaa	ataatgcta	ttaaaatttg	tagtatgcag	ttaaacagga	cttggtatacg	360
catttatata	tctaaatgca	tgtattagta	aagaaaaaca	aatagaaaat	taagtttcca	420
actgaaaaag	ttagagaaca	acagatccat	cagaggaagt	agacagaagt	tataaagagt	480
tataaaggta	accaggcatg	gtggtgcaca	ccctatagcc	ctagctactc	ngnangnnnn	540
gnnggtnn	aggnttgctt	gnnncnnga	atccnacngt	ccnnncngnc	cnattgateg	600
gcnnctgcnc	aatngnnctn	cttctancct	cacccctngg	tcnaccatan	ggnganncan	660
nncatactcn	tengcacanc	ctatttcctc	nananggtng	gntcctccnn	nnnatcttnc	720
ncnnctctc	anctancttn	ncatnttnnc	tanntcnant	cctccatatt	ncnnctctnc	780
ccnactactc	gntnacgnct	cnnctttctn	caanannngn	gancctntna	nnngncaaca	840
tnctctngtn	ccnennctn	nnctnnntnn	ncenncttct	nnctctctnt	ttcnngcan	900
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<210> 3641

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 3641

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aacgtcattt	taccatgtg	ccagcgacaa	ggtagattcg	cttgnccaa	ttttgcacat	120
aaggaaacag	ccttagagag	gttaggttgc	ttgtgcaagc	ccagggtagg	tggcaccag	180
tctgccagtc	tgcaacgcac	tggatatctn	cagccagtag	accttgctcc	ctgggtgccc	240
agttctggat	ctcaggaaan	gtggattaag	gctcctagtg	gcgggacctg	ggtggggatt	300
tgctgccctc	tggtggcaga	agggacatca	ccctgggtgt	gagacttggtg	ggcatctgtg	360
aggcgtctt	ttcatccnan	ggaagccgga	cctcaaactc	gacctcagcc	ccaggaaggt	420
gccancanga	nggtgccacc	tangagggtg	ccaccagggt	tccgccnggg	tctgctgggg	480
ccctgctcca	tcttgntga	nncacataan	cncctaagct	gtcacnagac	ccagggnttn	540
actgtctggg	ntttganncc	tgtgnnngcc	ccctgagccn	atttgncctt	ntctcctctt	600
tggggccccct	canntttccc	nttttcantt	tannanttct	ncnnanttna	ttaannctcc	660
cnggggccaa	actntatn	taggaaacnt	ncactnccn	annaatttaa	atttatnntc	720
tacacttcaa	ctctnccatc	tnnnaactgc	ctnnacnca	atntattttn	tnctnnnnct	780
ccnctntcta	natcatcnnn	tctatcntct	tatatnntca	ctnnnctnat	nanaaaaact	840
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<210> 3642

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3642

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gtncggaaaca	nggacaatgt	ngnccgcntg	cggngtgacg	aggcccaggc	ccggngaggag	180
gagaaggagc	gtgagcggag	gggtgctgntg	gctcancaag	aggcccgtnc	anaattccta	240
cngaagaaaag	ccanacatca	gaactcactg	cctgagcttg	aagcagcaga	ggcggggagcc	300

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ccaggttntg gccctgtgga cctgtttcgg gagctgntgg aggaagggaa aggagtgatc 360
ataggcaata aagagtnca ggaagaaaag cgacaggatn aaaganaggc nngagaaagc 420
tctgggcatn ctgacatacc tgggccanag tgcacngag gcacagactn aacccccctg 480
gtaccagctt cccccagggc gagggggccc cccggccngt ccagccccag atganangat 540
caagancctc tggaccctct gcgggagatg cataagcatc tggngaagaa gagacagnac 600
ggcgggtgatn aangcagtnn cagctnaaag gaaaaggacg ggtctnagaa gcattaccca 660
aggagccttc atacnttgac cagcttngaa cttgaaccgt ntgctgaggg aaatcagctg 720
tatangtctc nggcataagc ccctgctggc ccnnggttcc aaagcccngg cacttacang 780
gagggnt 787

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<210> 3643

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3643

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gtncggaaca nggacaatgt ngncgcgntg cggngtgacg agggcccaggc ccggnaggag 180
gagaaggagc gtgagcggag ggtgctgntg gctcancaag agggccgtnc anaattccta 240
cngaagaaag ccanacatca gaactcactg cctgagcttg aagcagcaga ggcgggagcc 300
ccaggttntg gccctgtgga cctgtttcgg gagctgntgg aggaagggaa aggagtgatc 360
ataggcaata aagagtnca ggaagaaaag cgacaggatn aaaganaggc nngagaaagc 420
tctgggcatn ctgacatacc tgggccanag tgcacngag gcacagactn aacccccctg 480
gtaccagctt cccccagggc gagggggccc cccggccngt ccagccccag atganangat 540
caagancctc tggaccctct gcgggagatg cataagcatc tggngaagaa gagacagnac 600
ggcgggtgatn aangcagtnn cagctnaaag gaaaaggacg ggtctnagaa gcattaccca 660
aggagccttc atacnttgac cagcttngaa cttgaaccgt ntgctgaggg aaatcagctg 720
tatangtctc nggcataagc ccctgctggc ccnnggttcc aaagcccngg cacttacang 780
gagggnt 787

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<210> 3644

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3644

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cttggaactg acgtctccaa cctgtcccag tatttcagcc cagcctcggt gtccagcagc 180
ccggcccgcg cgtcctgtgt ggtcggcgct gtccctcctg cctactggtt cttgtccctg 240
accctgggct tcactttcag cgtcctgcac gtgggtgttcg gccgcttctt ctggatcgtg 300
cgggtcgtcc tgttttccat gtccctgcgtg tacatcctgc acaagtacga gggcgagccg 360
gagaacgcgg tgctgccgct gtgcttcgtg gtggccgtct acttcatgac cgggcccattg 420
ggcttctact ggccaagcag tcccagcggc ccagcaacc ccagcaacc cagcgtggag 480
gagaagctgg agcacctgga gaagcaggtc agactgctca acatccgtct caaccgggtg 540

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ctcgagagcc	tggaaccgctc	caaggacaaa	gtgaagggtca	accggccggg	cgggtccaca	600
gttaccagca	cgcttgtctt	agaaaacgaa	aacngaggaa	aaaaaccca	aaaccccaaa	660
caatcttaan	taaacacgac	tgagcaaana	aaagttggcc	ctgtgtaagg	gctattttca	720
cccaccggg	aagtttttag	gacncatttc	cccagaagaa	ccggaaaaga	tcatttgacc	780
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<210> 3645

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1098)

<223> n = A,T,C or G

<400> 3645

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ctgcancang	nggacactgg	aaactcttac	ctttgcnngt	acttnaanat	taaangcctt	180
actgangagt	atctcacccc	tntacaactc	ttctttgaan	ganaacntaa	tcatcntana	240
acacnctncc	ttaactcnna	agtcgnatgc	anatcaacat	nntnatccna	aacaccnngg	300
gcancntttc	tngetccttt	atcancncnc	nnaatcattt	aaentcacna	tcnacattcg	360
ncnatcatnn	cagcnagaca	nantgnanac	ctacatctnt	anntanntgc	antngnncan	420
tcnncctggn	tcacctancc	cacctntcca	naagatatcn	ttngnngcnt	tntnncncc	480
ccactatact	nacatccncc	ntnctcagca	antttantnt	cnacctccc	nctnanganc	540
nnnctancc	anccttntcc	caacnantnt	aacaancntn	accannccan	gntctntnnc	600
tctntccctc	acantacana	aatntctcaa	nanctcccn	acnccnctc	anctnnntng	660
tacaatccac	tcaatctcng	ngcnnccac	cnantcttta	nctgggnaac	ctttntctac	720
atactancgc	aanacaatnn	tcgcgntnnt	tctcnnanac	acatctctcc	ncanctnncc	780
tnatacnact	atcatctcn	atnnncactt	anngacaaa	ntacactng	anacnactac	840
tcgccanttt	cantanctnn	tantatcgct	ngtccactng	catctctanc	atnnntnnac	900
aaaanccnt	ccnccctan	aactntcact	ntcatctanc	tctananact	ntctcnactn	960
accntcttta	taccacaann	ncccnanctn	ntgenctcct	catantntnt	ntatncttcc	1020
mntactactn	natntananc	tactactcca	cctcnacat	ngcttntcat	atncatatec	1080
tcatecttct	cnctnccn					1098

<210> 3646

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (783)

<223> n = A,T,C or G

<400> 3646

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ggctgtaatt	ctgagaagat	ccgcaagctg	gtggctgtga	agcggcagca	ggagccactg	180
ggtgaagact	gcccttcaga	gctgcgggag	atcattgatg	agtgcggggc	ccatgatccc	240
tctgtgcggc	cctctgtgga	tgaaatctta	aagaaaactct	ccaccttttc	taagtagtgt	300
atcaaaaatct	aaaccaagga	gtctctggac	aagaagctgg	gagaggcaca	aactggacat	360
ctctctctct	catatccttc	ggcattgggt	tatctatggg	agcaaggagt	gggcacgctt	420
ctctgtttaca	aatagaaaac	gattccagtc	atacaggaca	catccactcc	aaangatatt	480

tccaaaaaca	tacctctgac	agtnactttg	atagatgggt	tggcnaatgt	atcttctggg	540
tatccacacc	tcttggccat	gaaatttgca	gctcctccct	tccataaatg	aaagtctctt	600
tccccacca	tnntgaaatc	tnggctggca	ctgcgacttn	gantcgnttc	aatacnaatn	660
gtnggangaa	ngtgactggt	tnncntttcc	cancctnggt	tttcaagagg	ccttnttaaa	720
tgccnngttg	gaaccttacc	ccnccctgnc	cntngtnnac	tgaccatggc	tgggaaaantg	780
acc						783

<210> 3647

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 3647

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ctgctgaacc	tcttctctgc	ttcacataac	gttggccact	tcacctttcc	tgagatgtct	180
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tataattgag	ttgctgatac	aagtgggtac	ttgcaccagg	tccgggtcac	ccacatctct	300
atggaaacac	atgtttgctt	taaagcccag	caatcagaag	cagatcctta	taggagccag	360
cattgggtca	cttttagaaa	aaggcattta	tttatattct	caagccagca	nagacctatg	420
aaatgaaata	attttcaaata	tcantagaaa	aaccatgccg	tacgtgaatg	ctaataaaaag	480
cctgccgtgc	gtcctnnctc	ccctgtgctn	gcactgcctc	agatccgcct	gcattttatnt	540
ttanctgtcc	tttgctcttn	tgtgcccatt	tgcattctgc	ngctgtgacn	aagtnggttt	600
ggccctttta	tgcnnaaatn	ggttaatcnt	tcatttnatn	anncattttg	cccancnacc	660
taaaaantgg	ggaaaaatnt	caaaagcntg	gggaactggc	cnntcaaanc	ngnnnnntnc	720
tggcggttcc	tngctnttng	ccctcngttc	ccttgcaagc	cnttntccca	nccancntn	780
cccccaangc	cnncttngaa	cncttnncnn	gcctntanca	anc		823

<210> 3648

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 3648

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actacatgta	tttggaataa	aaaattgtat	gactatgtat	atgaaacttg	ttcatgttct	180
aaaaaatacc	ctccatttat	aatatgtttt	taaaatttgc	cactgagaag	tacaaatttc	240
cttcttattt	catcttagtt	atcaaccagg	agtcactgga	ggcaatgcag	tgtagtgggt	300
aagcgtgcag	attctgaagt	tagacaagat	ttgggttgga	atcctgactc	tgccacttac	360
tagctgggta	ttcttgga	ggtcagtttc	cccatccgta	aaatggggat	aggaatggta	420
ccttcctcat	atgattgntc	ttttttttta	gatttaatga	ataccttgat	gtattcgtca	480
cagtacttgg	gcatagtaag	tgttcgataa	atacgtantc	ccctgtgccc	ataactgtaa	540
tattttacta	gcactaaatt	tgtctactaa	ttcttttggt	tagagaatct	cccttggttaa	600
atgactattt	tacagaatgt	tttgaactcc	aaatcaagcc	taccacgatt	aatnatatta	660
agaattttat	tttaacttta	taagggtctc	taacagtang	ttaacccaat	tttaaaangt	720

gaaattcaan gtgttcctta ttaaaacccc tattcctgaa tgtanataat ccattattnn 780
nct 783

<210> 3649
<211> 827
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(827)
<223> n = A,T,C or G

<400> 3649
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aaaaccagca gaaaaaggct tcttggtggg ctgatgggtg ttgtgcgaga agctgangtg 180
ggcagggagg agagcctang agagcggtag ggctcatggg caggccgttg gtgtacgcct 240
tgccctgcc tgtccccagt cccaccactg tggactccag gccatcctca gtccagggtg 300
tactgtggc ctgggccaca tgctggcgat gacggggatg gccttcaca tgccgtttct 360
ctggaagagg ggctcgcgtt gtgcccact ggggacgtcc tgcccccaac cccccaaaac 420
gctgctttct tctgccctna agaggccct cagaagagag gaggctngnn tgaggggcnt 480
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gnccganggg gtgccangca cttgttccca agggccncac ttcgtgttggt tnttttggtc 660
cgnttaattc ctnccttgaca aacctattta caccggtttc ntenttcnnc tntcnagcna 720
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<210> 3650
<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

<400> 3650
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tgccaagatt tagaagttat ttcataggag ctgggacaaa ggtcaaacct ctctttgggc 180
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tttaaaaagg ccccccata tatccatcac tcgaactgta catttctaaa tgtacattga 300
cctttggtat attagtctag caatccagat tttgcctctt gttaagcgta tcagggtcct 360
ggcaggaagt agacgacaca ctgaaggata actgtcaaaa gtttaatgaa gagactattt 420
acaaagggtgt gggcaaagtt aagggaaca acaagtaaga gatggtgtag catcttagac 480
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ttagcagaac acagcaagat tgattagtaa agcacagagc tcctgacgag gagatgtgac 600
cttcaggaga ggaatactac ccccaagcta tggcccagca gggaaagagc ataggtaata 660
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<210> 3651
<211> 776

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 3651
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 ttacttattt aaggggtaat ttaaaaagta aacaaaagca ttggcctaca agagaaaggt 300
 gatgttggat tataagtgtt ttttctaata gttaataatta atcaacaggt gagtatattt 360
 tccgtttcca agcagttatt aatttacatt ttctcaaatt ataagtagct tcctgcttct 420
 ccaaaagtga ggcttaagag gatggctatt tcatcataaa ttagaaaaac gactacaaat 480
 atgaaatggt taattttttg gtactaagat aatgagacca tccagaattt tatgatcaaa 540
 acatggcttt taccacagga gtatctgtag ttgagccact ggctctataa cattgttagt 600
 tctttgtatt ttcccaatgg aggtttttacc tcatggccat aaaaataaaa gaggggtgaa 660
 tgtgaaaata actgcatttt gaacatctca nacccttcac tcataaaaaat tacttaatgt 720
 tcctcttctt tgaattacat atttttccat tgaataaaaa ttctgtgttt gaaann 776

<210> 3652
 <211> 846
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(846)
 <223> n = A,T,C or G

<400> 3652
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 tttagaggcc caccctcagg ggcacattct ctttctcagg gatgttcctt gctgagaaaa 180
 agaattcggc gatattttct ccatttgctt ttgaaagaag agaaatatgg ctctgttccg 240
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 tttctgcact taacacaatt atcacagggt cctgaggcga catacgtcct cctcggctta 420
 cgagatgaca ggattaanag attaaaacag gcatangaaa tcacaagggt attgattggg 480
 gaagtgataa gtgtccatga aatcttcaca atttatgntt agagattgca ntaagacag 540
 gcntaagaaa ttataaaaagt attaaatttg gggaactaat aaaatgtccn tgaaatctta 600
 aaaaanacta ntcacactcc ncccncaact nannccccac nctccnntnc cntcnncn 660
 accctnnnac tcnctcctct cncntnnac ccttcccccc nnntcntccc tncctctent 720
 cncctncnct ctcctncnct catnccccct actccttctn nncctttcat ntentcanen 780
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<210> 3653
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

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 cagtgaagcta tgatggcact actgcacttt agcctgggtg acagagttag accctatctc 240
 acaataaagt aaaataagaa ttaacacact cataataact atttagttaa taggaaactc 300
 tgtttaagcg atattgctta tatttctctc tcatgctttt gtaggtcttg actcactctc 360
 tcaattatcc acagagtata ttgttagtgt tttgtttaag ctacctttta cactcaatta 420
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 actaaaacta taccncagtt tttccaagag aatantgctt cttaaattata ttanctctgg 660
 ntcccatata mnctnnancca ttntccctt tctcttattc naaagttagn tttnnattan 720
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 ct 782

<210> 3654
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

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 cgcattccaaa cctgggaaac caggaagaga agatccttg tgagaagcag tcaatgagtt 240
 tgctttggga tatgttgagt tcccaaactc atcatgaggt gaggttcca ggtagcaaat 300
 gaatcacttg agaccaggag ttgaggagca gcctggacaa catagcaaga ccccatctct 360
 acaaaaaaaaa aagattttta attagccagg tgtggtggtg tgtgcctgta gcccaagcta 420
 cttaggaggc tgaggcagga agatcacttg aaccagaaa tttgaggctg caggtgagct 480
 atgatcacac catagcactc cagcctggat aacagggtaa aaccctgtct cttaaaacan 540
 acaaacaaac aaaaaaccac caaaatcctt atgtatctgg tactatagtt gtctttctca 600
 ttttacattt gacactgaga gacagagagg ttgangagtt tgggcangac acacagctna 660
 tacatggtag agtcaagcct tgagttcang tctnctggcc ccttatttcc accccgaact 720
 ttcaccatta tcatattgtc nggnangctt ggagactctt gaatcccttt aactcacccc 780
 t 781

<210> 3655
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1017)
 <223> n = A,T,C or G

<400> 3655

gaactaatnc	ctcncnnngt	ctaantngcc	naacnngntn	gngttngggg	nattgngtaa	60
tanantggca	gntaccaaag	atggntgtct	nnagttincta	aatgacatgt	tgatcgnggt	120
catgatctct	gcaaataatc	ttgtctttct	tnacctnaga	acaaatgtna	agcattgatn	180
ggagcanaca	caacagttac	gaantntnct	gcntggcaac	tgactnaaag	cnaatntact	240
antcctctta	aacttccaaa	anagtatnca	ntactacngg	atggntctct	atncacangc	300
ncttngtctg	tnacntcnan	natntcacnt	atctaanaan	ananntcnna	atgatnaatc	360
tcaacnaccn	ccaanannaa	gttnnecgnac	cgtgnnagtn	gtncancnta	anttganecgn	420
cacttgccct	tnctntcccc	aggcanacga	atattntctc	ctttttaagc	ccntccangg	480
cncaacggct	cctnctntcc	ncanategca	aagnttaann	annntctcct	ncctctctca	540
attantcact	accttcaaac	tcnctcancn	cattnccgnc	cctcctctct	ngcntcacct	600
cgtcacccnn	tcttccctnca	agtnccct	nntaancenn	acnntttccc	nnnaaccct	660
ccnctgnttc	tnnactcact	gnntctcatt	ntctccctct	ccccctncaa	annnatnctc	720
cctcnntant	tcccanctct	nactccagcc	gctancacac	ntctcgctca	catctaatec	780
nacgncattc	actnctctcc	ganatnancn	atcgcgnta	tangngaacc	taannnctat	840
ctcacnctnn	antctcncta	atnccancnn	taantntttt	gctncagcac	anacacntct	900
ctctacactc	ncnatacnac	ttntanccat	ttntntanta	ctccatctac	anactctctc	960
atnncaccac	ncatctctna	tacaacnct	ctntctctct	ctngctanca	cancact	1017

<210> 3656

<211> 908

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (908)

<223> n = A,T,C or G

<400> 3656

ntaangnntg	tactcgngnt	anctngccta	aatananann	gttnggggng	ctgggtgtng	60
gtggattaca	cgcgtgagcc	attgcaccca	gccttaaggg	accaggactt	tatctttnta	120
ccctgctgta	ccatcttttag	ctttttatct	ttttattctc	atgcttttgt	tncttcatga	180
tgtaggatg	gctgccataa	ctccagggna	tacaccaate	ctctaaacaa	gaaacaaggg	240
gntgagacaa	aacactctga	gaaggttntc	ngggaacaaa	agacctccaa	gctgactctg	300
cttnataact	cattggctna	aactgagcta	tatgcccata	cttanagcaa	tactgacaa	360
aggggaatag	caccaaaca	cctctggctt	atcntagatc	aacctcgatt	nattntctg	420
ggtttngggg	tggggccttc	ttnacctgng	aagcaaagaa	cctcttgcca	gcttgtccac	480
ggctactcan	gttcnntnta	cccaacaann	ggctatnggg	ttagtgacta	acttnccaca	540
gcncngcana	tacatttcgt	atagtaacnt	ntttccaaga	ncttntaan	ttcaccntn	600
gaactatccn	gcancanatn	annnctntn	ctanttnnat	cannntggtn	tcaaactcan	660
anggnntttc	annccaannt	nnntntntct	nacatnnccc	nnccctncaa	ntccccncc	720
gtcntcactc	ntntccacc	cctnnacccc	ttntcaanac	ctctacntnt	tcangctncn	780
cttnccnnnt	ntccctcat	nanctcactc	ntcactntnc	tctccnnccc	nncantaccn	840
tctctnnncn	gtctctctct	ctnnntccct	ctctctcanc	atatcttctc	tnncatctg	900
tnnccncc						908

<210> 3657

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (848)

<223> n = A,T,C or G

<400> 3657

aatcnengta	cnngnecgnan	tngcctaaan	anaagggttg	ggggccctct	gcttctctggc	60
tgaccttggt	gtggccctct	gatggcacta	tgtgtcctct	tctctgagct	ttctgaggat	120
gacaagccgt	cttttcaatg	ggactccctt	ccagacctgt	tggtctcacc	atactggaat	180
catcataaag	cctgtattgt	aaaacatcat	tggtgnctaa	agtttgcaca	atgctatggc	240
ccccacatta	agggagctctg	ggtgagatca	ctncattgcc	cctacttctc	tgaccanaaa	300
acacaagagt	tcatgggaga	caataataac	aacaacaaaa	acaatacaag	aacacantng	360
tacctentta	ttggcacant	aacttttcaa	angctggcat	gaatnaaaaag	nncccaagtc	420
ncaagacnag	gtgnnctgga	nccactgctc	agnacttttc	gacagccnac	gaaagcacat	480
cnaatgaaca	angccttgca	ttantgggac	gnttnnngat	atacanccca	nggaatcatg	540
cnctgttag	tccangggga	cnagccctnt	nccatgcnc	cnctantgct	caaaccnntc	600
atnggcant	tgctncattt	cgtacnnng	tnggcccctt	naatgaaata	tcgaancaat	660
ttnttaaacc	cncccnggcc	ttattgnnac	tttctnaaan	ncccatcncc	cttgncttca	720
tannnctnn	ctcgcccttg	nntgcaattc	tcccctngcn	ggacntctaa	tgcnntcaaa	780
actcnanccg	nnnnggtcnc	aacacttttt	ancntanna	caggggntta	gncccaanat	840
ttccnacc						848

<210> 3658

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 3658

caatgcncna	accaattant	aagntactcg	nnctttccgn	acncancnag	tgcgngggcg	60
aattcggcac	gaggctgagt	atTTTTTTca	agtgtatcat	ttgcctgtta	acttaaaatt	120
ctatTTTTcc	cctaattcta	tgtcccagtt	ttggttagt	tgctctggga	TTTTtgaccc	180
attccatagt	aatagttatt	actactacca	ctacagtaaa	ttcttacaag	aactttccat	240
gtTTTTttggg	aggaggagga	ggagtagtta	cattcaggat	catatacata	attgttttagc	300
ttcagttctg	tatttatata	tgtcacttgt	aactgactgg	gatacgttct	gagaaataca	360
ttctcaggta	atTTTTgtca	ttgtgccaat	atcatagagt	gtacttataa	aaaccagggc	420
tatatattat	aacctattct	gggcttcaaa	cctgtacagc	atgttacttt	actgaatact	480
gttggcagtt	gtaacacaat	gataagtatt	tgtgtatcta	aacataccaa	aatatagaaa	540
aggtagagta	aaaataagtt	taaaaaaaag	gtacaccaaa	ataatcttat	gggaccactg	600
tgtatgtggt	ttgatgtcat	tatgcagtgc	atgactgtac	tataaatgct	tatggccagc	660
cctTTTTttt	tttgaggcag	agtcttgatg	tctcgcccat	gctgggagtn	cnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	775

<210> 3659

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3659

aantnctnna	acttatnntn	tntngacctc	ganctnncc	aannagnnng	gntngggcg	60
attcggcacg	agataaaggc	ctagtttttg	tatcccaata	gattttttacc	aagcttcccc	120
tgaagaaagt	ttagaatgag	catgatggga	aaaggagaaa	attgtatgct	gcagatagag	180

ggaggaaagg	ccaactaggt	ccaacaagta	aaaagaggac	tagtctcaaa	ctattaaata	240
tatgatttac	ctagcaaaaag	ctttaagtca	cagctgaatt	acactgggga	aacaattaca	300
gactttacaa	tggaaagaag	catcttcaat	gttggtgca	atcactgaca	gcaggaatac	360
tcacttttga	aaaaaaaaaat	tggctattgt	tttctgtttt	ccacatctta	gtttaatatt	420
atgttcctca	aacactatga	agttgagaac	tgaattgatt	acctgggaaa	ttctggtgaa	480
actgaggtgt	ttgtttcatt	aattatccat	gtcatttatt	ttcttaactt	aatcaacctt	540
aatttagcct	gaatattatt	tgttagggac	tgaagacttc	tagagagcag	agagcacctt	600
tttttaatta	aacaaattcc	tttgataata	ttttaatgtg	actcaagaat	ccagcactat	660
ctatatatgg	acccctctgc	atccatgaaa	agaagtcctc	atccaattct	gtgaatatga	720
gactaaaata	caattccaat	tatgaggnat	ttntttttta	gtcctaattgc	aggaagaa	778

<210> 3660

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 3660

ctaacttatn	tntctaganc	tcganntngc	ctaaananc	aggnncnggc	gaattcggca	60
cgagcactac	atgaagtccg	gggtttggtt	aaaatatctg	tcttatttat	gaaaggctga	120
aaagagaaaa	gagctattca	ctacccgaga	ctataagttt	tagctgataa	aaacacagcc	180
tcacatagat	ctattgaatg	aagccacttg	ctgagtcagt	aactgaatgt	ctatgtatga	240
tatttccagt	atcatgatta	aaatggagcc	ccgaaatgtc	attataaggc	ctagttgtgg	300
actggggggc	cagatggcca	agtgggagca	actctgaaac	cattaaatag	gaggagagag	360
agaaattaaa	aaccttttct	attcaaaaaga	aacctataac	ccaaattcta	aaatttatag	420
agacatataa	tattaatata	acaaaatcag	ccacccaaaac	attcatttct	ctggatgaaa	480
ttaattttat	ggagcagttc	aacaaagact	ttatttttaa	aaataaatta	tgtattttatt	540
tttgactagt	aatagatgca	tgtagtacaa	aattcaaagg	tacaaaaagg	gtaaacagtg	600
aaaagtaagt	ctatctccac	ctctttcacc	tagccacca	gtttccctnc	ccaaaggcaa	660
ccactgttac	ccatttcttg	ctatcccttc	ctaaggataa	attgggttgca	ttattccaaa	720
cattatntan	tatatacacc	acaccacacn	actcaccaca	tatggtacca	tttttttatt	780
attcaaatgg	nn					792

<210> 3661

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3661

ctaantctgn	acnaatnggn	tnngctactc	gtncctttccg	naanancnag	gcgggtgcgaa	60
ttcggcacga	ggtgggctct	cccttaaaga	cacatggcca	cagacacctc	cttcgcatat	120
gtaatatgcc	ttcccctgcg	gccttccgtg	gtcacagcaa	cagggactgc	tcaccccttc	180
cagctggggc	ttttctaaca	agcacagtca	gaaatgcgca	ggcctggggg	tggggatgaa	240
cagaagttga	ttagtgggca	cagaaatata	gttagataga	aggaatagtt	ccagcattcg	300
atattacagt	aggagactg	catttaacaa	taattgattg	tatatttgaa	aacagctaga	360
agaataagaa	tattcccaac	acaaagaaaa	gataagcgag	gtgaaggaaa	tcccagttac	420
cctcattcag	tccattacac	attcgatata	ggtatcaaaa	tatcataggc	acctcaaaga	480

catgtacaac	tcttaattta	acatTTTTga	aagaaaaaaa	aaccggccag	agcattaaaa	540
caaataaaat	aagaaacaca	gaggccagtg	ttaggtgaag	aactccgctg	cttcagaaag	600
agaatagcag	cgctcgctta	ccgtgggaac	acggccagtt	aacaaaatgg	gttttggttt	660
tttgntttgt	tttgttttac	cattggtaat	aagatagtta	acataagtgg	tcagaacttc	720
gcttgaattt	gtataaagca	tttgTTaagc	gtgtaaaagt	ccaaattaaa	agtcttgaa	779

<210> 3662

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3662

aatnctnaac	ttattatctg	acgtcnannt	ngcctaaana	gaatnggtn	ggggaattcg	60
gcagctccct	caaagaaagg	agaactagga	aaatgttttc	gccatctccc	aaagatgata	120
ggaaagttct	gagcagggtt	ctgggtatag	ccccttggtga	gaaattcaag	gccccaatcaa	180
tgccatagat	gagttatata	ttccaaattt	acactactta	tgtaggtgta	gtaacctcca	240
aatcaataaa	ttaatatata	attggcccag	gactggtgaa	acctagagtc	ctgtcagaag	300
caaatacaaa	gcagcccttt	aacaacagtt	ttaaatttag	ggccttcaag	acccccagct	360
gaaaagaaag	tctctactga	aagtgaagtc	acaatttaac	aggagagana	nagaaagata	420
cactgtgaag	gatantcaaa	agacattgca	nanaggagga	ctggtactgt	ccccacccc	480
cactaagagc	ttaagatana	acagcctgna	tgagactatg	aaatatnttt	aanntgatga	540
aagaaaaatg	tcacctntcc	ttctttccca	gtcaagacan	gnngnatccc	ntttgnntaa	600
ncctanaaan	tacctgtgtg	agatactnnn	nttgatcggt	agacgccnat	agtcaaacct	660
cttggaangna	aaactanaca	ttcttcnatn	ctttnaantt	cccccccccn	tcnggcccct	720
gtcttcccan	attcacctaa	cttccccttg	gttgccccc	acttaattcn	acngcccctt	780
nttttttcac	tccaaacngg	gncct				805

<210> 3663

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 3663

tnnctaacca	atnantcnag	gcanctcggn	ctntccnaaa	taaanaggnt	ntggcgaatt	60
cggcacgaga	aatgctgaat	attggtaaca	agcaacaggg	gaaacaaggc	agtctgagca	120
cacagaactc	aagtctctct	aatgggatcc	cagaatgccc	atggaggaag	cagcatgtgc	180
actgtgctga	gtgctgagca	ggatttcaag	agagcaaagg	cagagatgct	ggacagggca	240
gcacaggagg	acgagtgtgc	atggtcactc	tgagcagggc	tggttctctg	gctggttgga	300
gcacagcatg	gggaactgaa	aggcagacac	tggccaagaa	agtccttggt	cagggttcca	360
gaagtgaagc	tcacaagcca	tcctaggcca	cactgccatc	aagccccaga	cctctacatg	420
cccatttggt	ttctttccag	ctcatatagc	ttcctaagta	ttgtggctaa	cagttccctg	480
acttgaattc	ctagtttctg	ttaacagttt	tctaactttc	aggaaaaaca	agccaatttc	540
taaggaaagt	ggctgtgctt	cagtcaggag	tagtccgagg	tagacatcca	ggacagtatg	600
acgcaaaggg	tttgagcgc	aacaacccct	tgcgttatat	agccatttaa	tgtaacctgt	660
ttgtgtgagt	tcatacctgg	ctttgagcca	ctattgtctg	tgagtaatat	aactgcactg	720
ctgactctgt	aggagagaga	ataaagccat	gtccaacttg	cctacagtcc	tcn	773

<210> 3664
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 3664

taatgctnng	ctctcgttct	ttntgcagga	tccctcgatt	cgaattcggc	acgagtatag	60
atccagattc	tattcaaagt	gccttattag	catcaggtct	tggatcaaaa	cgacctagtt	120
nttcatctac	accagttntc	ttcacctgct	cctaacangt	acaccagcta	ncagtcncac	180
cnacngtaac	agtggccttn	tnacnggtaa	ngatgctgtg	tgaaagggct	cagcaagatg	240
acgaaagacc	tgctngataa	gctcnagnaa	ttngcnga	acctgccncc	tnataccntn	300
natganctta	nngannaacn	nggnggnnct	nctaactgtg	ntgagatgac	tggccgctgg	360
gacggtgttg	nnanctgcga	tgatggacgc	atgtancctn	atncangntn	tnnactnnan	420
gngcctgtgg	aanntcnoga	ngttaacnct	gctcagggat	attatngatg	gcgnttacnn	480
tantgctggg	atccatcatg	ctggngaanc	nggtatnaca	ttacatctgn	tnngagagct	540
tgccatnata	ggcgangntt	tcatatgact	ttgggaantg	nccttgatcc	gctacntaga	600
ncngctntaa	cagttgggga	ccctnnntga	natcanenca	ggttcctgtg	gnggagattn	660
cctacntgaa	natgggcnc	gncggagcta	acggaanac	ngngtancnt	tgctgctang	720
ccacttnana	ggattgtggg	cactttcaca	tggngnntna	acgcttggca	aacttcn	777

<210> 3665
 <211> 815
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

<400> 3665

gtacttattt	ntaatgntgg	tcganttggc	ctaaananaa	taggttnggg	ggaattcggc	60
acgaggggtg	ccagcatata	actgcttttg	agcaaactct	ttctgttttag	agagatagaa	120
gttatgacat	atgtaataca	catctgtgta	cacagaaacc	ggcacctgcc	agacagagct	180
ggttctaaga	tttaatacag	tgcttttttt	cctctttgaa	atattttact	ttaataccag	240
tgctttttct	tggtgaactt	cttggaagaa	ccaccaattc	tagatcttga	tttgaattaa	300
tacacacaat	atctgagaca	cttacacttt	tcaaaaagatt	tgtgtatgca	ttgcctaatt	360
agagtagggg	gagaagggca	actattatta	tccctatttt	acaaaactga	ggcttantga	420
ggttcagcca	catgcctaga	cttatatact	agttagtggg	gcagccaggg	agaggactca	480
gatttctctg	aggcaaagtc	tatctctgaa	actccatgaa	gacttttgca	gccagttccc	540
accaatatgc	ccccagacgt	gagacaaaca	aggacttttt	ttttatatag	agccatccat	600
naaaatccta	agcccccttt	attaatgtat	aaccaggaag	aaacattttg	tgccaaccgg	660
tttggaactt	tntatggcnc	gagaattcgg	gnaaggaagt	gttgaccccc	aagccangga	720
gaaggaaaga	antgganttt	ncntttgtcc	tttaagggtt	ttntaangnn	cattgggtttt	780
taaatcncgn	natcnnngcc	caaaanttnn	nttct			815

<210> 3666
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 3666

ttcaaateccn	agctcttggt	cttttgcgga	tccctcgatt	cggaaggcta	caagtgacaa	60
ggaaaattct	gttccgaata	tggccacaga	aacaaaggat	gaacaaatat	ctgggacagt	120
gtcttctcag	aaacaaccag	ccttgaaggc	tacaagtgc	aagaaagatt	ctgtttcgaa	180
tatacccaca	gaaataaagg	atggacaaca	atctggaaca	gtgtcttctc	agaaacaact	240
ggcctggaag	gctacaagt	tcaagaaaga	ttctgtttcg	aatatagcca	cagagataaa	300
ggatggacaa	atacgtggga	cagtgtcttc	tcagagacaa	ccagccttga	aggctacagg	360
tgatgagaaa	gattctgttt	cgaatatagc	cagagaaata	aaggatggag	aaaaatctgg	420
gacagtgtct	cctcagaaac	aatcggccca	gaagggtata	tttaaaaaga	aagtttctct	480
tttgaatatt	gccacaagaa	taacgggctg	ttggaaatct	ggaacagagt	atcctgagaa	540
tctgcccacc	ttgaaggcta	caattgaaaa	taaaaattct	gttctgaata	cagccaccaa	600
aatgaaagat	gtacaaacat	tcacaccagc	agaacaagac	ttagaaatgg	catcagangg	660
agagcaaaaag	angcttgaag	aatatgaaaa	taccagccac	aggtgaaaaa	ccaaattcat	720
tctaggggatg	accttgatga	cataattcag	tcatttcaac	agtcttcaga	ngat	774

<210> 3667
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (733)
 <223> n = A,T,C or G

<400> 3667

ttnctaantc	nagctcttgt	tctttttgct	gatccctcga	ttcgaattcg	gcacgaggnt	60
gnanaaagna	tcnctggcn	anntctatca	tgnatcagct	aaggatttgc	caacngaantn	120
ntnctcnatc	cttcantcat	gacacntcac	atgtcaagng	nagaaggtag	ancgtgnaaa	180
tgctatancc	ggcnnaatnt	aggagttctt	ctctggctcg	gttgctaaag	cagtgatctg	240
ngtnancccc	agggccatca	ctgtgcatgt	ncccatgccc	tnaacngnat	tcgagcacat	300
actgattnac	tanaaggagg	ngnangncca	gcagnaacan	cnnacgatga	cattggccnn	360
ganctaccnc	ntgnncgatg	ggaaaatggt	gaanntncnn	cgcctccnga	atgcgcnagt	420
tnntgttaact	cantaccaan	tgctcagcag	cactctcttc	tctngctcgt	ggagcttcag	480
cccatnangt	gaatanaaca	tcngctnaga	ntnactngn	cttttggtt	gnattgtntca	540
atccttggtg	atcacaatnn	ctcagactgg	aataggctgc	ccccaaaaac	tgtctgtggc	600
accctgaaaa	agctggggct	aaacagncaa	ggccgntcat	ccccttgnct	gaccncgnat	660
tgtctgctgc	tgggttcgga	cgaggactac	tnngntgaan	tnctccttgt	tggcatgatg	720
acnctngtta	aga					733

<210> 3668
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (774)
 <223> n = A,T,C or G

<400> 3668

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gggcccacac	tcaatgcaca	tatcantgcg	canagcncta	aaatttcagg	caacactttg	180
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caccatacag	attaaacctt	cacatgatca	tgtaagctat	gcagttaccc	aagctgcac	300
atttanaaaa	cctgtcagnt	nttatggaaa	ccatccctag	tcaaggacac	tttaaataatn	360
tagtctaaat	accgttaang	taggcccact	agctgtgttc	acattatccc	ttggccacct	420
taccagggac	tnnaataact	tgggaaagt	aaaacaacaa	gctnaccac	atgttcacca	480
tnnaaancan	ttangtcttg	aaaaacatgg	actctttttt	ccgtgtggga	ccagttccta	540
cttatgtgtt	accagccaat	tggactggaa	cctatacagn	tgggnnatnt	agcccccgaa	600
attaatatag	ctcccaacaa	ccaatccttc	attatacttt	naactgnnaa	ccaccanaca	660
caaatgancc	atccaactga	taccactttc	ngtngaagct	anggaatacn	cctngaagtc	720
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<210> 3669

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3669

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tgttaccatt	atgggaaact	ggaggaaggg	catatgggac	ttctttgtac	tgctttttct	180
attccctgtg	agttttataat	tattttataa	taaaagttca	aaaacactta	ttggatggac	240
atcacagaac	ataatagaag	aaagaatcag	tgaattatag	gtctgtttta	tagaaatgac	300
tcaaactgac	acacaaagca	aaaagaatga	agaaaacaga	acacagtgtc	tgagactttg	360
tgggaataata	ttatataaaa	ttatctaaca	gtcacatgat	ttgacctca	gaaggagatg	420
aaagaatgag	atagaaggaa	tatttgaagg	aataattgtt	gaaaatgttt	caaatttgat	480
gataatgtca	gtcacattc	ccaagaatca	cattgaaccc	tgaccaagat	aaaccaaaga	540
ggactacatc	taggtcatc	atagtcaaac	tgcttaaaat	caaaactaaa	gagaaaaatc	600
ctaaaagcaa	ttagagaaat	cctatatagt	ccatgttggg	aaacagttac	atcaatgtgt	660
gctgacttct	catttgaaac	catagatgcc	attagacagt	ggaacaatat	ttttaaagtg	720
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<210> 3670

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3670

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cgactgcccg	ccttcacgct	gtcccacctg	gagagccacc	gtgacggcca	gcgcagcagc	180
atcatggacg	tgcggtcccc	ggtggattct	aagaccctga	cccgtaacac	gaggatcatt	240
gcagaggccc	tgactcgagt	catctacaac	ctgacagaga	aggggacacc	cccagacatg	300
ccggtgttca	cagagcagat	gatccagcag	gagcagctgg	actcgggtgat	ggactggctc	360

accaaccagc	cgcgggccgc	gcagctggtg	gacaaggaca	gcaccttcct	cagcacgctg	420
gagcaccacc	tgagccgcta	cctgaaggac	gtgaagcagc	accacgtcaa	ggctgacaag	480
cgggacccag	agtttgcctt	ctatgaccag	ctgaagcaag	tgatgaatgc	gtacagagtc	540
aagccggccg	tctttgacct	gtccttggtt	gttggcattg	ctgcctacct	cggcatggcc	600
tacgtggctt	gtccagcact	ttcaacctcc	tctacaagac	cgtccagagg	ctgctcgtga	660
aaggccaaag	acacaagtga	ccacaagcca	accccccaaca	agcccgggnag	ccccccggcc	720
ggtttcaaca	agtccccctt	ggggcccgan	gcaccgaatt	gaaattggga	caacttggcc	780
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<210> 3671

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3671

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ccattttttc	tagtggggaa	caaggcagat	ctctctccag	agagagaggt	acaggcagtt	180
gaaggaaaga	agctggcaga	gtcctggggg	gcgacattta	tggagtcac	tgctcgagag	240
aatcagctga	ctcaaggcat	cttcaccaa	gtcatccagg	agattgccc	tgtggagaat	300
tcctatgggc	aagagcgtcg	ctgccatctc	atgtgagccc	ttgggtgtgg	ggtaactgcc	360
ttgcttctgc	ccccggcact	tgccatgttc	cagtgggggg	cagatcctca	ggacttcacg	420
ggtatgggtg	ccagctgtgt	tcctggcccc	tggacacaca	gtgtggcatc	ctcatgtttg	480
cacactttcc	ccaggctcca	gtggcctgga	tgtcaatgtt	tacaaagggg	caaggacctc	540
tcattggacac	tggcctctac	cctctgtttt	tgtttgatga	attctgttat	aacctatggg	600
gtcaggatat	gagtcctggg	cattatttat	ccaggaccca	tcctcttggg	tgggttttgg	660
gtgttggtcg	ggtaaagggg	agccggggac	ttctgaaata	anctggcttc	ctggggtgac	720
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<210> 3672

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3672

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tggatgatata	atggtgaagt	ttttgttgaa	actaaattat	gaagtctgat	atatttggat	180
aaaaataaag	aattgctttt	cttctccttt	tgctgatttt	ttgacacatc	attctaagca	240
aatcatctc	agcttcgtat	atttcagcct	gaagtacttc	ttaccaaaag	tgtttcatgt	300
aacatttggt	caatatgttc	gtgacatgtc	tctcagtaat	gaaaagttat	gcattttatt	360
gaatgaataa	aaacctaac	tctgctat	ccatttctgg	aagttgtaag	agctcacatt	420
aaagacagta	aaagtcaatt	taagccaaga	tcattttcag	cccaccaatg	tcattggctat	480
tggaaaggaa	aacctaattg	gatcattgaa	ctatcataac	aagtggaaac	tagaactttt	540
ttatagcatt	ttcatgatata	aggtcctgtt	atagtaagat	atttcattct	atttatcaaa	600
atggtgtaaa	taaaagaaac	acaattat	tggtaatgct	tatcttcagt	ttaaacattt	660

attctttttca gaaatatgta aatacccttt gnaaatatat nccaaatgaa aaataaggga	720
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<210> 3673

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 3673

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gcagtgaagt atgattgcac cactgcaatc cagcctggac aacacagtga gaccctgcct	180
cacaaaaatt atattctgat tttctgagtc catgaacaca ttgtccaaat ggatttttct	240
agtcctcca agttacagat agttccacgc acacacagaa ctcaccactc tcaaataattt	300
tccccactag tattactatt aaatttttca aacatgcaaa agatgaaaga attgctcagt	360
gaacaccatg taccaccac ctagattcta caattaacat tttaccctac tttctttatc	420
acatatatgt acctatccat ctatccattc ttccatgaat ccatcaattc atctaatttt	480
ttatatattt caagttaagt tgcagatatg tagcttatgt ttcaccttaa atgtttctgc	540
ctggctatta ttaactggag tgcaatatgt ttttggttct tctttatggt aaaatctatg	600
ttcagtgaaa tgcacaagac ttaggtatgc cattaatagg ttttgacga atagacaaac	660
cttgngtctg aaactggaan taaaaaaaaa caaacactaa aaaaaaaaaa aaaaaaaact	720
tcgagcctnt anaactattn gngagtcgta ttaccgtaga tcccagacat gataaggatc	780
cattg	785

<210> 3674

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3674

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ttagatactt ttggtaagat caatttcttg gtgaacaatg gaggaggcca gtttctttcc	180
cctgctgaac acatcagttc taagggatgg cacgctgtgc ttgagaccaa cctgacgggt	240
accttctaca tgtgcaaagc agnttacagc tcctggatga aagagcatgg aggatctatc	300
gtaatatcat tgtccctact aaagctggat ttccattagc tgtgcattct ggagctgcaa	360
gagcagggtg ttacaacctc accaaatctt tagctttgga atgggcctgc agtgggaatac	420
ggatcaattg tgntgcccct ggagtnattt attcccagac tgctgtggat naactatggt	480
tcctggggac aaacttcttn naagggnctt ttcacaaaat cnccgattaa cgaattgggtg	540
ttcctgagga ggtntcctct gaggtctgnt tcctactgtc tactgcnctt tcttnattct	600
ggacagtcag ngcntgtnga tgggggcccng anctctatac ccactcgtat gaggttccaa	660
atcttgacnc tgcnccaang ttccagggga cntnttgnc ggtgaaaana natgnaagng	720
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<210> 3675

<211> 772

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 3675
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 ccgtgtactt ctcttgggag gaatgggatc tccttgatga ggctcagaaa cacctgtact 180
 tcgatgtgat gctggagAAC tttgcaacta cgtcctccct gggttgttgg tgtggagtgg 240
 aacatgagga aacaccttct gaacagagaa tttctggaga aagagtgccA cagttcagga 300
 cttccaaaga aggttcatct tcccagaatg ccgactcctg tgaaatatgt tgcctggtct 360
 tgagagatat tttgcaactg gctgaacacc aaggaacaaa ctgcggggcag atgtcaaaat 420
 acctgtacaa ttttaaaatg tcacaattaa acatgagctg gtttcccaca caaaanaaag 480
 actgaagatn tgcatttttaa ggatgacaac ataatggana aaattngaaa tagcatannn 540
 aaaanctnng ccennttaaca natgnggntt gnnttgcccg aaatcccgnn nngggtanac 600
 cccttgata ntttgggcaa cncnccnntt gtntgcentn nanaaaaaag ccntttnttt 660
 tggaanaatt tgggaancnt ttgggtttta ttttggaccc cttttaanc nccannaaaa 720
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<210> 3676
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (775)
 <223> n = A,T,C or G

<400> 3676
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 ccttcagcan acaggntggc gacaaggngc cngggatgan nangagcacc actaactccc 180
 tnaggtgcta nacacacata atgggaagcc aacatttatg gaagaagttc tagaacacct 240
 tcctggaaaa acacangatg aagtcaacag catgaaaant ggtatcaaaa gttctggctc 300
 tagaagaaaag aaanncagag tcaattnana tntggnaaac tnnaaagcag cncaannggg 360
 aggaaatttc caagtcaaag gaannggctg acaacacacc tgtgcttatn tcatancnna 420
 cangaggatt ancaanngca ancagaggaa cantgatgag actcaganat nggcattgtg 480
 aagctaggaa gaaacagaan agnntagaan tgtcaatgaa atgngcttcc ccattnaaan 540
 acgaaganga gaaagngana naacatgaca aagancgcca gngccagttt angttnaaan 600
 tactactnga aagttntacc cagcnacatg aaagaacagg aagaattttt gaggcttgaa 660
 aaggagataa agggaaaagg cagaaaaggc ataaaaaagg aaaaagctgc tgatgaaact 720
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<210> 3677
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)

<223> n = A,T,C or G

<400> 3677

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tggtgtcatt	agtgtgatc	aagtttacag	agttacattt	tgctttccta	accattcagt	180
caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	gctcatagt	gatataaatt	240
agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	tacttgtata	tgggcaaaat	300
aattattacc	tatacgtgta	tttaagctta	attttcatat	aaacagtatt	tttaattctat	360
gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	tccttagttt	attagtactg	420
tcttcaaaaa	gattttttaa	taggtccggc	acggtggctc	atgcctgtaa	tcccagcact	480
ttgggaggct	gaggcgggcg	aatcacctga	ggtcaggagt	tcgagatcag	cctggccaac	540
atggtgaaac	cctgtctcaa	ctaaaaatat	aaaaattagc	cgggcgtggt	ggcangcgcc	600
tgtaatccca	gctactcggg	angctgangc	aggagaatca	cttgacccaa	ngggcagaag	660
ctgcagttag	nccaagatcg	catcatttgc	actccagcct	angggacaaa	gacgcgagac	720
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<210> 3678

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 3678

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ggggactgag	tacacagatg	aagacacaga	agcatagaga	ggataagtaa	tcactagcaa	180
gtggaagaac	cgggattcag	atccagaaca	ggctgactcc	agagtcactg	gctgtcatgt	240
agtttccctca	actactgcct	cagctctaca	atcccagagt	aaagctcttc	tccaaatgaa	300
gagccaggaa	gaggtagagg	tggcaggaat	taaactttgt	aaagccatgt	ccctgggttc	360
agtgactttc	acagatgtgg	ccatagactt	ttcccaagat	gaatgggagt	ggctgaatct	420
tgctcagaga	agtttgtaca	agaagggtgat	gttagaaaac	tacaggaacc	tagtttcagt	480
gggtctttgc	atttctaaac	cagatgtgat	ctccttactg	gagcaagaga	aagacccttg	540
ggtgataaaa	ggagggatga	acagaggcct	gtgccagat	atcctgaaaa	tgcccatcag	600
taagttgaac	aagaagaacg	ggagctttaa	gaacaagatt	caagatgaaa	caacacaagt	660
gttgtaatat	ttataaatag	ctaaaggcag	aaaacgttgc	caattatctc	agacttnacg	720
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<210> 3679

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 3679

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gagagaactg	gatggagctt	cccaggtgat	gacagggttg	aactccaggg	ctatacccag	180

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ctgagcaagg agagctttgc ctcttcagga gactggaagt tggggaagac tccaacaggc 240
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atttcattaa tttgttcaat tctttaacgt atgtttatta tggacctact atgttgccag 360
acgctgtgct agctgttagg gacacaatga tgaacaaaat aggcatagtt ttttacccca 420
tgagagttag aggggtgggtgg ggagagtcac taatcaaata gcacaaacac atgtaaaatt 480
accataaagc ggggtgataca gaaaggcgac tgggtgttagg atagctaaaa aagagggatt 540
tcacctgggc aggtgggtca gggaaagctt cttagagaaa gagggacttt gggcttgatg 600
aatgaaaggt gaatttccag gcaaagaaga aaaggaggga ngcttctagg cagaaggaac 660
ttctgtgcc atgatctctg agaaatgaaa gattaacaaa ggccaattgt aagtngaacc 720
agaattgaac ccaggaangc cccaaanttg agaanaaaaa ggcccagggc aagggccatt 780
ncttgnt 788

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<210> 3680

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3680

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taatcttgta gcantgacan gtggaatgtg ggtctgcagg tggccttggg atgggtggga 480
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tntgggaaga acatcaaatt ttgcgtncat ttacatatgg catnctgtgn ntntgggaatc 660
tatgcatntn gtgttccttg gcttcaaagt tngtaacnna tgtggtgnaa gccaaaaccc 720
ctacttgtgt accaaaggaa gnggcttang gaanaatggc ttt 763

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<210> 3681

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 3681

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tcatttgtgt tttccatttt tctgatgact gagaatgttg agcatctttc cctgcgtgtt 180
gtccatttgt gtatcttctt tagagaaata tctgcttacg tcctttgccc agttttaatt 240
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catcagatac ctgatttgcg aatattttct tccataccat gagttatctt ttcactttct 360
taatgggtatc ctttaaagcc ccaaagtttt taattttgat aaagtccaat ttatctaaaa 420
aaaaaaaaant aaacnnana naaatnnaaa anaaaaaaan ctngnncctt taaanctnta 480

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gngngtcggt	tncgtaaatc	cnnncntgat	aanatccatg	gntnanttng	nacaaaaccac	540
aattnganng	cagggaaaaa	anngctttnt	tngngaatt	ngnnanctnt	tnncttaatt	600
tganccattt	ataagctgc	antaancang	ttaccancnc	caattgcttt	catttaangt	660
tnaaggttca	aggggnaggt	tnnggangtt	ttnaantncg	gggccgaggg	cncnaaatgc	720
attgggcccc	gncccaantt	tngnccntt	nanngnggg	taaattgccg		770

<210> 3682

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3682

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cacgagaggt	gttgaaatta	cagaaggac	catttctggc	aacacagcag	accagatattc	120
ctataaaagt	cttcattac	agaacaccta	cacatcagga	gctcaaaaac	agatatattc	180
tttaaagtgc	tagccaacat	tttgaaaaag	tgtgggaaat	ccctcagggc	caaaaccaga	240
gggagttgga	caccagagt	ataagcagac	actgaaggca	aggccaacct	cagggcttgg	300
ctcaatattc	tagaacttta	cccttgttct	caagtctccg	tgtggacagg	ggatgaggg	360
tacctggttt	ctgctcctt	gactatggca	tagactctgt	agatgtctgt	aattgaccgg	420
gaggtatgta	gatgactgta	tcaagttatc	ctcctgaccg	ggcgcagtgg	ttcatgcctg	480
taatcccagc	actttgggag	gtcaagacaa	ggaaggaggt	gagctgacag	atgtgctgga	540
agagcacaa	gaaccaccca	gtcaggcatg	atctcgagga	gggcgcttgt	ttgggggtta	600
ctcagtgaga	cctgggaagg	anagaaggga	ccttttctgc	angacggtgg	cctggagaag	660
aagctctttt	tccactgaaa	caggaggaat	ggcggggaag	gatgaatgga	tatgtgtatt	720
aattatctat	tgctgcatga	caaatacgga	tcactcaagt	ccaggagttt	gagat	775

<210> 3683

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 3683

ttccaaatac	catttnangc	cttnttgcat	gctcccatcg	attcgaattc	ggcacgaggg	60
catgttggcc	aggttggtct	tgaacttntg	acctcanttg	atctgcctgc	ttcggcctcc	120
cagagtgtcg	ggattacagg	tgtaaactac	tgctcctgnc	ctgnaatcca	ttttatnatg	180
ggaagcacan	ttacntagct	aatacttggg	ggcangagct	naagtnanna	ttgcatcnnc	240
antaatnntt	agaatgaata	tanattgaag	tcttggggta	tcccggcatg	attatgtcag	300
atgaaattat	gtgatatgca	naaggaaggc	ctcctgcact	tcatgnctnc	agctnantnc	360
tacananggn	caagggnena	tgannaatnn	ggangagggn	tncttgantn	gaatanatna	420
tntntcactc	agnttaaagc	ctgtaatccc	ancacttttg	gaaggccgag	gcaggaggat	480
cacctgaggt	caggagttag	agaccagctt	ggccaacatg	gcgaaaccat	ctctactaaa	540
agtncaaaaa	ttatctgggt	gtggtggtgg	gcacctgtaa	tcacagctac	tcaagtactg	600
angcagaaga	atcanttgaa	cccaggangc	anangttgca	ntgaacccga	gatcacacca	660
ctgnactcca	ncctgggtga	ccaagaatga	aactcccgtc	tcaaaaaaaaa	nannnnnnaa	720
aaacttcgaa	ccttttagaa	ctntnnttga	gtcntntttc	cntnnaaccn	nanc	774

<210> 3684
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 3684

atccnagnta	ctcgcctcttt	ttgcaggatc	ccatcgattc	gaattcggca	cgagggaagc	60
tccaggcctg	gcgtgctgga	gtcacgagat	gagctgtcca	ggctncatgg	catcgtgagt	120
gaactccgac	cgtggcaggt	gaggcttctg	cacttagctg	gctgtcttca	tgtgggccga	180
ttctgtgggt	agtgattctg	atttctcatc	tgaaaagtgg	tgcatactt	agccccctcc	240
acacttggag	ggttctacta	gtgtgcctgc	gtggctgggt	tctgcacact	cagctacttt	300
agtttcttta	gtctatcctt	aaaaagattc	ctaggtgtgt	tcctgatttt	gaggttccgt	360
ttggtcatta	tgtcttttca	gagttcatct	tttaaaatca	gtctgtggac	atTTTTTTTT	420
tcctcttagc	acagtttatg	gtctcatgca	ggtaacaaa	ttgggactct	gaatgtgagt	480
gtgtgtgtcc	acacaccact	agggtttatt	accttattgt	caatgttatc	ttaagaaaaa	540
gtggaggctg	gggtgcagtgg	ctcatgcctg	taatcccagc	actctcagag	gctgagatgg	600
aaggatgctt	gagcccagna	gtttgagacc	agcctgagca	acaaagcaag	actcctgcct	660
ntacaaaaaa	aaaaaaaaaa	aactcgagcc	tttanactat	agtgagtcgg	atttacgtag	720
aatccagaca	tgatagatcc	attgatgagt	ttggg			755

<210> 3685
 <211> 889
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(889)
 <223> n = A,T,C or G

<400> 3685

gctgggctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	gaggtttaat	60
ctctttaact	atcaaattgc	aatttttttt	ttgccttgca	aataaaca	ttacaattgt	120
catttactgg	tgagacaatg	agaaaaagac	accctcaa	actgttggt	gaacacaaat	180
tgttaaaatc	tttctaggag	tcattttcaa	attatgtatc	aatgacctaa	aaatatttat	240
gtctcctggt	cttatacttc	cagaaatcta	ttctacagta	ataaccggag	ataaaaaacct	300
ttacatatata	acatgattta	ttatactgaa	aagtcaaaac	aacataaata	ttaaaaatag	360
gagggtggan	atttcacctt	taaatgctat	gtaggagaat	acttaaggga	ttggtnaagn	420
ccaatagtgt	tngtattang	tggaaaatgc	cngaattggc	tgaatgntgt	acaaananag	480
cnntcatnnn	ttgccactct	tngtcataac	cnctcgtctc	ttcnatgc	nccccattat	540
tacaaaactgt	tcnncnnnac	tcnncnttca	ccangnctcc	ngcnntnncn	annncganncn	600
tctnctccn	cancnnnccc	cgcctcctc	nttctcnnca	acctngetcn	ccccncacnc	660
ccnactcccc	ccncttact	ttnncccacc	natecncgnc	acnnctntnc	ttcnnncatn	720
ntnccccnnc	ctactcncn	nntagcctc	cncnttccca	cacttnnctc	nnntctgnnc	780
cntcenttcn	tctccttac	tacataaccn	ncnctcttct	catctctctc	ttctctctca	840
cnnaccccat	ccnncnnnn	ctcttctctc	cttanncctc	cactancct		889

<210> 3686
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 3686
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 tttgctggca ttaaatattc aagttgaaga tccttcacct tcctttaatc ctatattaga 120
 gtctataggt gtgtctttct tatagcaatc ctgcactcac ataaaaactg tattttcaat 180
 ataagatcaa aatgtatttc acaaaaaaatg catctttata tttgtttaca tttctcctga 240
 ctgaatgggtg ccatgtacag tctgtgtaag ttatagaaaa cgtttgccaa ctcgtagtct 300
 accattttgt tattttgttt ctatttgttt cgtctgttct ttactgcttt gttttccctt 360
 tcctgccttc ttctggatta attgagtatt ttggtaatcc tttttaatct cctcttttgg 420
 atttttttagc tatacttacc tgtttttgtt tttgtttttt aaggcggttg taggaaataa 480
 tgtatgcac cttaccttat taaagtctat tttgaaatac tgttacactg cttcatgtaa 540
 cttacaatat gaacctcaca acagtatagt tcattttccc atcccagtat attttacttc 600
 tttgttataa accccatctc tactaaaaat acaaaaaatta actgggtgcc agtggtgcgc 660
 atgcctgtag tcccactacn ttgggangct gangcaggag aattgcttga accctgngag 720
 gcnnangttg cagtgaagtcn agacgcncca ctgcactcca ccc 763

<210> 3687
 <211> 829
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(829)
 <223> n = A,T,C or G

<400> 3687
 gcntattant gtgncttatt antgtggcct aaananatag gctggggcga attcggnacg 60
 agcttaacat aacctatgag agtggacagg tgtatgtaaa tgacttacct gtaaatagtg 120
 gtgtaaccgg aataagctgt cagactttga tagtgaagaa tgaaaatctt gaaaatttgg 180
 aggaaaaaga atattttgga attgtcagtg taaggatttt agttcatgag tggcctatga 240
 catctggttc cagtttgcaa ctaattgtca ttcaagaaga ggtagtagag attgatggaa 300
 aacaagttca gcaaaaggat gtcactgaaa ttgatattnt agttaagaac cggggagtag 360
 tcagacattc aaactatacc ctccctttgg aagaaagcat gctctactct atttctcgag 420
 acagtgcata tttatttacc ctctctaacc tctccaaaaa ananagtgtt agttcactgc 480
 aaaccactan ccannatctt atcacgaatg tggaaaccac tgtngatgaa gatgtntac 540
 ctggcaagtt accngaaacc tcctctcaga gcananccgc catcttcata taangcnang 600
 tgntaattgg atgggaanaa gctncaanaa gatcctgngt tnnngnctgg agcaaccnnt 660
 ttacccccgc atttcctttc tanttnttag aacntccatc gggtggnttn ggcaattncc 720
 ncggaanncn gcntnttgcg gncanctnan ccctntttta aaangttgtn nttctncccc 780
 canttttntct tgnaaatccc tacanggcta attccttcaa ngcttctnct 829

<210> 3688
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 3688

tnctaagtct	gggcttgntg	gcttgccgca	gganccctcg	attcgaattc	ggcacgagat	60
agagaggaac	aaagataaga	atgacagcag	atgtgtggtc	agaaattatt	caaggcagaa	120
gacagtagaa	ctgaaaaaga	aagtaggtca	atctagaatt	ctatacccaa	cacaaatatt	180
cttcaaaaat	gaagggtgaaa	taaacacttt	ttgatggaca	aactgaagtt	gagagaattc	240
gtaaccagca	gacctgtagt	acaaaaaatg	ttgaggcaag	tttttttaggc	agaagaaaaa	300
tgatactaga	tagaaatttg	ggctgcacaa	aggagtgaag	aggcttccaa	atggtaaatt	360
atatggaaac	atatgaaagt	tatcttttct	cattttttaat	ctctttgaga	aactgcttaa	420
agcaaaaata	taaacaagggt	acttttgagt	ttagaacata	catagaagca	aaatgtatga	480
caaaaaatac	taaagtttagc	caggagtagt	ggtgtgtgcc	tgtagtccca	gctgtttgtg	540
aggctgagat	gggaggatca	tttgagcgag	cctgagaggt	cgaagctgca	gtgagctgtg	600
atggtgtcac	tactccagc	ctgggcgaca	gagtgaagacc	ttgtcttgaa	aaaaaaaaaa	660
aaaaaaactc	ggcctctana	ctatagttag	tcgtattacg	tagatccaga	catgataaga	720
tcattgatga	gtttggacaa	accactgga	atgcagtgaa	aaaatgc		767

<210> 3689

<211> 986

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (986)

<223> n = A,T,C or G

<400> 3689

acttattntg	ggncctaantg	gngngccaaa	aaaaaggntg	gggagcatgg	cttagntggg	60
atcntgagan	taatnatgag	atctacnctg	aatgacttta	acctanaatt	aatgtgtggg	120
cagnntgnaa	tatgtgaaat	tnnggcntta	ncnctctttt	ggcnntataa	aaatctnnna	180
ttaaaaaaca	tgncattnga	attgaacatg	tgcntaaccn	ctgaantatn	tctganaaac	240
cctaggtncc	gtggcatatg	ngatgaatnc	canngacnna	tnnaaccnca	tnttacatan	300
nntcacngcn	tatnnaacat	caannatgct	tgngnaaagg	gntannantn	cncaacgact	360
nttgtttng	agcanctntc	ttngntagac	cttntnaccn	ncnanggnntn	ctcttaacnn	420
gntgatnntt	nactcatent	tcnctttctt	tcctattctn	nnnntccaaa	gtttccncnc	480
nnaagnnann	atgaatnant	ngtgnnncnc	cacctnatn	attntanata	nnegcnattg	540
aaatntaata	canntccnc	tnncctcnan	nnaatnccat	nncatctnan	taaaantata	600
ncantnmcnt	tnctnaccnc	nnaaagattc	aaanttcgct	nccttnttn	ncnatatact	660
ctnnatannn	atannccgaa	attntcancn	ttctantnnt	naentancaa	aactcnctat	720
agnaccctca	catnccctng	acacnatnat	nnccaanaac	ctntaatcgg	annnnacntn	780
tctgaatnnc	tcnactcct	nttataccnt	ntnntcattn	taactctatc	atctngnant	840
angnccatct	ccctcanatc	taaacanntt	ntngcnctcn	nttagnggag	antgtctctn	900
tacgnctnan	aanggttct	cngatcntcn	naatactent	atagagacta	tacnctcatn	960
attgtctaca	ntatctacaa	cacnng				986

<210> 3690

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (847)

<223> n = A,T,C or G

<400> 3690

cnnattanng	tagctggatg	ctggcctaaa	nanaaggctg	nggcnaattc	ggcacgaggn	60
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agcttgtggg	nnagacnanc	aanggtgcat	gangaanaaa	acnnaattca	ntaagccngn	120
naggnacagc	ccatagtctn	ctcgattngt	acaatcaagg	cggacatttn	ctggntatgt	180
ggannagagg	ttaattggcn	gnctatgant	ggnnnagcct	aaanttgngn	ntacntgnat	240
nnnntnatnt	gcnnanaaan	gcatnngant	tanagntncc	aaaagntntg	aaccnaagga	300
ctanagnaac	anacnnntna	tngcctggtn	ntcagtnata	ncnacaccnc	acaggggacn	360
ngatnttncc	cngnanttnt	nacaggtctc	nnnancctggg	actcaagncn	ncccatcatg	420
caatnncttc	anannaactt	gtgacttgca	ntnnnatact	ananccttnan	tcccttntta	480
cattcctcaa	atgcncaaact	ccncttttct	taattccnat	tatnnactnn	ntnnncnngc	540
ttattggnc	actnntanca	tnccnggnann	nccaaactaan	cnnaattntn	gannttgata	600
ttggngcctt	aacnaacana	ncgtnnntat	cgctnngtca	ccantctcac	tcattnatca	660
annacnnnng	cnnnantnat	tctcnatcna	nnennanttt	gctanantnn	nctttccenn	720
cnttnanttn	ctannaaacc	ccctntcnnn	ggcnccaatn	gnnaantngn	acccnnncnn	780
tctnnanggg	ntnactnggc	cncatacctc	ctgngcaanc	tntnaannng	canactnctn	840
ntcncct						847

<210> 3691

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3691

ctaattngctg	ggctctngnn	ctttnggcaa	nateccancc	attcgctgca	aatgggactg	60
tgattcagga	cctcctcctt	acctacgagc	accctgggag	ggactgacta	atggcccagg	120
gacacacagt	catcctctgc	aggcaacagt	caggcttcta	cttgctgaag	ccgtcaaggg	180
cttgactgtc	acactcagt	ttctggaaaa	caaatacagta	aagcaattta	gaggatcttt	240
tgcaaatcag	agaaaaagaa	tcaataacaag	gcgaaagaat	tctgatcagc	actttaaaac	300
gtgcttatca	gaaacttttc	ttctctcttt	taagctttgg	ttctaactga	gaaatgcact	360
ggataatagg	taaccctccc	cagaagaaca	tggacttcat	catttcacca	gattcacttg	420
ttccctttta	ggcccagcca	ataaaaagtat	atggtatctt	caagctctga	tttcctaata	480
tcagagataa	aaagccatgg	gaacgcagag	acttggtgaa	tttgtaaaaa	tccaaaaaga	540
aaggccagtc	atgacggctc	acgcctgtaa	tcccggcact	ttgggagggc	aaggcagaag	600
gatcacttga	gcccgaggaat	tttgagacca	gcttgagcaa	catggtgaaa	ccccatcttt	660
taccaaaaag	ataaattatc	tggacatggg	ggtgcnagcc	tgtantncca	gcaacttggg	720
aaggtgangt	aggaggatca	cttgagcctg	ggangtgga	ggccccgggtg	agccc	775

<210> 3692

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3692

agnnnttcta	atcnnntttc	aaatecgctng	gctactngtt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggg	ccaaactagg	gcctgctctg	acatccgcaa	tgtacgtcca	120
ctagcagtgc	gcaagacctc	ccgcgagaca	ggtgttggtt	ttaatgccca	tctcacagat	180
gaggaaaaga	tctcaaagta	ccttgattat	ttacccaaag	ttccccagccc	aggcctttta	240
aactttttat	gcattgcaccg	cctcttgacc	acatcagaca	atcaccacaa	aacgatgggc	300

tgacagttac	tagaggggta	gtaacttata	tttaaaagg	ccaggtagta	aatattttag	360
gctttgtggc	caaaagtctc	taccacacct	actcaactct	gtcacgctag	cacaaaacag	420
ccacacacaa	aaaccaaatt	gggcagctga	aaaaaaaaaa	ataataatta	cttaatgaan	480
aaanaaanna	nacnanttga	nnnttcctnn	tttttnatnc	natnatcccc	tcntgtnatn	540
natcctttna	tgtagcttgt	gacaagnncn	ntncttnaaa	ncatcnnnat	aaaaannncn	600
nctnntttnt	tnaaaaaacct	tnnatcctct	tncanttntt	tggnnnganat	nttttnancng	660
tntaaaanna	ntttttttcaa	aaannnatatt	tnaanaanta	taagtcccn	tttttttngn	720
tttcgggnnn	nggggttttta	annngggncn	tnngtcccaa	nnctttgggn	nccnaaccnn	780
tttnn						785

<210> 3693

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3693

aaatncnagc	tactcgttct	tttgggaaggc	cnnccatcgat	tcgaattcgg	cacgagattt	60
tcattccgagg	cattgtctaa	tgatgtccca	ctgcgaagga	taaagatgta	gttttctttg	120
actctgccac	ctcccactac	tcagctcact	catacttctt	gccatctttc	atcttcccaa	180
taagtatatc	attatggnta	cattagtatc	agggtttaca	ttattatgac	catgtaaattg	240
ctattttctaa	ctgagccatg	tagtatactc	tgatnacttt	nnctttcttg	cncaactttg	300
nctntnctat	ggatngctac	ttatccatat	tgettattntg	ctaagctttc	tgtatactta	360
tcattgncta	tgntntngat	ctccaaattn	tcctncagg	gcctgaattt	cctctnggna	420
tgtccagacc	tatctaaatn	ttatantaat	ttaaccttct	tggtgacatc	catnctgnag	480
nctttgttca	cgacaatgct	gtcatgctga	gattaactgt	catcattatg	ggatcnaact	540
ttgcctacat	ctngtctnn	ttnggatctc	tnnnttgctc	gaccccttnc	tttcaactnc	600
ttggngctgca	ctnaaattng	gtggagcaca	tgcaatanta	ngntcctgag	gtatgggtgaa	660
tgggaggcac	atnattgagg	tctngcanac	tgaatagggt	ttacaggagn	ggcaaaccat	720
gacccataga	tgaatgttac	ctggnacctg	gtt			753

<210> 3694

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 3694

caaatcncta	ggctactcgt	tcttttttga	ggatcccatc	gattcgaatt	cggcacgagg	60
catagagacc	atcatggcat	gctccccgtg	tgaaggcctc	tacttttttg	agtttgtgag	120
ctgcagtgcg	tttgtggtga	ctggcgtctt	gctgattatg	ttcagtctca	acctgcacat	180
gaggatcccc	cagatcaact	ggaatctgac	agatttggtc	aacactggac	tcagcgcttt	240
ccttttcttt	attgcttcaa	tcgtactggc	tgctttaaac	catagagccc	ggagcagaaa	300
ttgctgccc	tgatattttg	cttcttggtg	actgcggcat	atgcagtgaa	cacattcctg	360
gcagtgcaga	aatggagagt	caanccgtcc	gccancanaa	gcaccaatga	ctacattcga	420
gcccgcacgg	agtccangga	tgtggacaag	tccgcctgag	atncancgcc	tggacacgct	480
ttttctggta	angaccgctg	ggattgaaca	gaacttccgg	taaataangg	ccccgtcggc	540
aagacagcat	actgctgtca	caaagtgcna	acacctggaa	aagaaagaca	agtgtcactg	600

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gcctaaccat ggtccccact tctgtcattc acacaagttt taagtgggtc ttgccaccan      660
aaatcctctt ttgctanggt actccggaat tgcttccctg nggcttttnat cttaaatact      720
taaccatggg annaagactt tcaagaagan tcaatcttta attccttccc tcaattggct      780
aaaatttttc ttaaaaaaa                                799

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<210> 3695
<211> 876
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(876)
<223> n = A,T,C or G

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<400> 3695
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tatagagagc tacaacaatg cccaaaagaa aggctgcagg tcaaggtgat atgaggcagg      180
agccaaagag aagatctgcc aggttgctctg ctatgcttgt gccagttaca ccagaagtga      240
agcctaaaag aacatcaagt tcaaggaaaa tgaagacaaa aagtgatatg atggaagaaa      300
acatagatac aagtgcccaa gcagttgctg aaaccaagca agaagcagtt gttgaagaag      360
actacaatga aaatgctaaa aatggagaag ccaaaattac agaggcacca gcttctgaaa      420
aagaaattgt ggaagtaaaa gaagaaaata ttgaagatgc cacagaaaag ggaggagaaa      480
agaaagaagc agtggcagca gaagtaaaaa atgaagaaga agatcagaaa gaagatgaag      540
aagatcaaaa cgaagagaaa ggggaagctg gaaaagaaga caaagatgaa aaaggggaag      600
aagatggaaa agaggataaa aatggaaatg agaaaggaga agatgcaaaa gagaaagaag      660
atggaaaaaa aggtgaagac ggaaaaggaa atggagaaga tgggaaaaan nnaaaaanan      720
nnnnnnnnnn nnnnnnnnaa aaaaaaagcc tnttagaact tttaggggag tccgtatttc      780
cgtagaatcc ngnacntgga taaggatccc ttggatgnag ttttggacaa aaccccaact      840
tggaaatgcc nttgaaaaaa aatgcttttn ttttnt                                876

```

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<210> 3696
<211> 876
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(876)
<223> n = A,T,C or G

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<400> 3696
gnnnnnnnnn ttttnnaactt nctaatacng gctactngtt ctttttgcag gatccctcga      60
ttcgaattcg gcacgaggca gtgactgcct tcggcttttt ttctgctgac taagatctcc      120
tatagagagc tacaacaatg cccaaaagaa aggctgcagg tcaaggtgat atgaggcagg      180
agccaaagag aagatctgcc aggttgctctg ctatgcttgt gccagttaca ccagaagtga      240
agcctaaaag aacatcaagt tcaaggaaaa tgaagacaaa aagtgatatg atggaagaaa      300
acatagatac aagtgcccaa gcagttgctg aaaccaagca agaagcagtt gttgaagaag      360
actacaatga aaatgctaaa aatggagaag ccaaaattac agaggcacca gcttctgaaa      420
aagaaattgt ggaagtaaaa gaagaaaata ttgaagatgc cacagaaaag ggaggagaaa      480
agaaagaagc agtggcagca gaagtaaaaa atgaagaaga agatcagaaa gaagatgaag      540
aagatcaaaa cgaagagaaa ggggaagctg gaaaagaaga caaagatgaa aaaggggaag      600
aagatggaaa agaggataaa aatggaaatg agaaaggaga agatgcaaaa gagaaagaag      660
atggaaaaaa aggtgaagac ggaaaaggaa atggagaaga tgggaaaaan nnaaaaanan      720
nnnnnnnnnn nnnnnnnnaa aaaaaaagcc tnttagaact tttaggggag tccgtatttc      780

```

cgtagaatcc ngnacntgga taaggatccc ttggatgnag ttttggacaa aaccccaact 840
 tggaaatgcc nttgaaaaaa aatgcttttn tttnt 876

<210> 3697

<211> 1151

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1151)

<223> n = A,T,C or G

<400> 3697

ttctaaatac	taggctatng	ttctttntgc	aggatccntc	nattcgcgcc	gcaagctgct	60
gaatgccttg	ggactagctg	gtgattacct	cgcccagggc	ctgaactcac	cctggccagg	120
tccanacctt	tctgctgtgg	ggagcaaggg	ccctggctgt	ctactggctg	ctggctctgc	180
tntcggctt	ggtcttggcc	ttgctgggcn	gacctgtgtg	ggctgaanct	tgtcatttta	240
cttggccgnt	ttcttggccc	tgatgaagtn	ngtgcccga	aaccttttta	ncccgggccc	300
tggttaattc	tggncccttg	gttgaatcct	cttaananca	ctgcttatan	cccngnttta	360
aannggnttt	nccaaaacct	ctttnggggg	tnnaaaaatt	ttataggcca	aaatgnntnn	420
caaanggctt	ttnnaaacnc	ccnctttggt	aanggaaacn	tttagncntt	nngnccccnt	480
aaangnccaa	antcggnncc	anaaaggggg	ggcccccnc	aaaanttggn	aatgnaaagn	540
aaanttaaaa	ccccgatntn	gcncccaaaa	aaaaaccggn	ccaatnngtt	tcattaacct	600
nnaaaaaaa	acntttaaaa	cctgngnttt	tntnngnggc	cccaattttc	taaaaacctt	660
tntcctttgc	ccaaaaacnc	cccccttggg	gncccttntt	tttnaatttt	ggncccccctt	720
ggggncctnt	ttttngaaaa	aacctttttt	aaagnaaaaa	caaatttttg	gaatnnccctn	780
ttttgccccn	gnnanaaaant	cccccccaan	anttttttag	ncccccaagg	naagggnaaa	840
aaaccnctc	cgggaaaaaa	gggnaacccc	caanttttnc	ccccccctn	tgggcctttg	900
ggttancccn	tttttgccgg	ggggnncccc	ttggggnnnn	ttttttntnt	aaanggggggt	960
ttccttcttt	gggnccctcn	gggggggggt	tttnggggct	ntttntntnt	tttaaaaacc	1020
cccctttttt	atnntntggg	ngttttcnnc	aaaaaccttt	ggggcccttt	aaacccaagg	1080
gggaaaaagg	ttttttgaaa	aagggggggc	cttatcnctt	tttnggggct	tntttgggna	1140
aaanatgggc	g					1151

<210> 3698

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 3698

atacagctct	tgttcttttt	gcgatccct	cgattcggtg	aacaggagag	tcgcatggag	60
gtactgtttg	cctgtgctga	ggccctgcat	gcgcatggct	atagcagtga	ggcctcccgt	120
ctcactgtgg	agcttgccca	ggatctgcta	gccaaaccac	ccgacctcaa	ggtagagccc	180
gcccctgcca	agggcaagaa	gaacaaggta	tccacgagcc	cgtcagacct	gggtggctac	240
caacacctg	agcaaggcgg	ccttcctgtt	gacagtgtct	antgagcggt	cagagcacca	300
caacctggcc	ttccgagttg	gcatgtttgc	cttgagctn	canangcctt	cancttntac	360
aaggncttgg	aagtgaaact	tgcattccan	gaatctgaag	tggctgncct	gctcaaagaa	420
gatccctctg	ggtccaaatg	agatgagtac	catgccgtgc	cgggcanang	aacttcggga	480
ggggacactt	ctgtgactat	cggctgtgtt	gnctctcatg	ctggccagtt	catctttgac	540
gtctctgtgc	tccaagtatg	atgcttgacc	ctacagtaag	tggggaactg	gggtanggggt	600

agctttctnt	taanaaagan	cnaagacccc	aagttttctga	atcaccttta	ggaccatcag	660
caacttcacg	ggttnccggc	cccaagtcgc	aactggaaca	ncgagacacc	ttggggataa	720
gaancttgga	tttnaacaca	nnttgcttgc	cttggggcatg	aaaa		764

<210> 3699

<211> 867

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(867)

<223> n = A,T,C or G

<400> 3699

tccctaagtc	tnggctactc	gntctttntg	caggatccnt	cgattcgaat	tcggcacgag	60
aatgaagggt	ggggagaaaa	gaaagcaatt	taggagactc	tatagggagg	aaaggatgag	120
atgcatttca	gaaacaaaat	attaacgtaa	acagaaaaaa	gagaaaagcaa	tcacatgacaaa	180
gcctaagagg	gctagtggaa	tgctagaatg	aactcattta	ccttcctttg	atattttangg	240
gctctattgc	ctgctaattt	catcactgnt	atctttctta	cctcttatct	ttttccctgt	300
agttattatc	agcctaatat	tcattcattc	attcattttac	cttgagtttt	taagcttggtg	360
cnnaaaccaa	caagggttggg	gcccnagttt	ncnagaatgn	ngttncctna	cnttggnaaag	420
taaacntggg	ttangggaaa	aaangtnncc	ancttgggccc	tttttaaaga	caccaangtt	480
ttaccncat	tccatggggt	tcaatgggga	aggaaaaacn	aaaggggant	ttattttgna	540
aaaaactggt	gccaagattc	ccgaaagggg	agccccctng	aaagctttta	aacctnccaa	600
nnaanccttn	cnagaccctt	ttggcctttt	aaatnccctt	tttaaaaagg	cccccantn	660
agggaaaaaa	ttcccagant	gaatgggggt	accnggtctt	gacctttang	gaacatgtan	720
gcttgncttg	cccnatgttc	ccncaacatt	nggtccctt	ttacaatgnc	cttantacat	780
taatngnggg	gccccctcatt	ttnaaatttt	aaaaaatctt	atctttancct	tttaaaaaat	840
tcnttttngc	ccaagaaaat	gttttct				867

<210> 3700

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(935)

<223> n = A,T,C or G

<400> 3700

tncntatnct	ttgaantcct	ttttgcggat	ccctcgattc	gcttttttta	gtgatcactt	60
ttgaattgtg	ttcagatatg	cagtttcagg	tgtnatcatc	agagctgggt	agtcaggcat	120
tccagatagt	ggttcttttc	agaacctttt	taaaaggggt	gggttaacta	cctcagtagc	180
agaggattga	actataccct	gtctgtactg	tacatagaaa	atctttgtag	ataaaaagcaa	240
ggcttggtta	atatgatatg	agggttaagat	tttaatatat	caaatgtaac	attcttagtt	300
gcctttagtt	tcanaggctt	gtaagacttc	ctcatgacn	tnattacagg	ccttgctttt	360
ggccgnattt	tggggctgaa	aaagcaccct	tgcttcttca	ganattgnag	ntatttggat	420
gtataatagt	ttanccagat	ggtacttttg	gtaagacatc	agatgttcaa	aaaagtgcac	480
tccaacttgt	ctaaatactg	cagtgtcccc	tttataaaaa	ggtcagacct	aaaactggcc	540
aatttgntac	anccggaanc	cctggncatt	ttgggatatt	tttggaaagg	tttttttcca	600
ttaaaattca	tttgggaaaa	tttaggtaat	tattngggct	tggttaaagg	tttaaacctt	660
tttttttaag	gggtnaaaaa	angggatttn	ggttttccaa	ttttaagtng	gccattttcc	720
ttttcccttg	gcttgggnat	tccacctggg	tnaaaaacca	ttggttggga	aaatccnaag	780
ccttttttnc	caaattttcc	ctttaatggc	ccanggggtc	caattggaat	naaacctttg	840

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ggtaaaaaaag gtttnnaagt ttcccaaatt ccattttttgg nggccttaat gggggtttttt 900
taaaaaatttt tccttnaaaa gccnnccctt ttggt 935

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<210> 3701
<211> 977
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (977)
<223> n = A,T,C or G

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<400> 3701
atnccancta cttgntcttt ntgcaggatc ccatcgattc gaattcggca cgagggtttta 60
agtattctca tccgtcaact gggattggta atagtacagg gctgttagga tgattgcatg 120
agatgaaata catttagcac ttggtaagca ctctataaat atggcaatat gatagtcctt 180
gactcatctt cctctctgnt gcccttttaa caggtgagca cctagccttg ttgggttttat 240
gtgctcaaca gcagttggac ttcccttggg ctctctacc catgctactg cgtagtcaan 300
ccctccataa anctnctctc tggncctctg ttcccanatg gnctttggcc ttcccttttt 360
ccttcccanc ttaacgtttt taaccatgcc ccngggaatn ttttttgaaa angggaaact 420
gganccttng gtncctcngg ctttaaaaaa ccnnccaata aatttnttac ccncattagn 480
agggnnntaaa aaaancctaa cttttttggg gnggnantac ctgggacttt ttctttccga 540
actttttcct ggccttcaa acttttccaa ccctctttcc cgggtncatt ggggatccct 600
attaccggg aggaacatta ccaaaaaatt ncctttaaaa tttcttncc aaaacattgg 660
aanccttttt tcccgggctt tctttttcaa taatggtanc aatggttccc aaaaggccaa 720
attnattct tggncctttg gaaacctttt tggggaaacc aagaacttca actttccatn 780
gggccccagt ttttttncca attcaaggga aggttttttg ggcttggtaa aagggnntacc 840
ccaacaantt ggccaaggga aaaaaaaaaa agcccacct tgggggcctt naaacctggg 900
gtngggggaa naaacccctg gggggtncct cttnggggtt tncctggggg nccttnccca 960
accttaagnc ccacna 977

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```

<210> 3702
<211> 932
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (932)
<223> n = A,T,C or G

```

```

<400> 3702
naatcccagc tacttgttct ttttgcagga tccctcgttc ggaccctcat gccccgcttc 60
tgctccagcc tttcttactc attaggetct agtctcactt cttatttttt aaattgtgag 120
taattttcat gcttggtagt tgatttcttt tccatctctg natgcatact tctgcacct 180
agtaggcact tgattttttt ttctttgaat acacagcaga tgccatgtna actcattagt 240
acttgctca aaacactgaa ttcttacctg ngttaaatgc ntgaatcntt taaacttttt 300
aagtttacct agaaagtgt taaagnggga actaatcnnt tntgantggg nataccnccc 360
nngntttgaa aactaccttt gancnttttt ttctttttta atnaagctct taaaaccggt 420
taancagccc cccgnggata nnaaagaanc ttttaagctg gggggaacnc cttcattttc 480
ccnggaaaaa aaacngnncc aagggttgg ggaaaaaaat gccnctaagg gattgttttc 540
cagcctttcc agaaattttt gggccnaacc tggangaagc ttcaaaattc caaggaaatt 600
ntggtaaang gggnttttta tgaggccaaa ttaaatnggg ncctttagna anccccnttt 660
aggaccaatt ttaaatnggt ttgnaaaagg ccagccttn ggtnaacctg ggnccctttt 720
ggctttngct tttttngggn ccattcnttn atacctgggc naaaatttaa ggnaaattta 780

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cctccagggt	tnaaaaaaat	nggncncctt	tnttggnaaa	aaagtttccc	ttgggnggggt	840
tttaaaggga	aaaanaanaa	aangnnaaaa	aaaaacttcg	agnccttttt	naaacctttt	900
ngtggaggtc	cggatttacc	gttagantcc	cc			932

<210> 3703

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3703

cnaatngcta	ggctactngt	tcttttttga	ggatcccatc	gattcgaatt	cggcacgagc	60
actcttttat	attagggact	tgagcatctg	gagagtgtgg	tatctgaggg	agttcctgga	120
actaatgtgc	agatgccaaag	ggacaactgt	actattgtac	ttggaagtac	tcatgggggtc	180
atattgcatt	gtttcttttga	gtcctaattc	tgccaacatg	gcctgggtgct	tgcattaatc	240
agcttttctaa	tctctgagta	acaaggcaca	gtaacaagga	gcagtaacaa	ggcacagggc	300
tggcacctga	gagtggaggt	acccaggagg	cagacaccat	aaggcgggaa	atggacatat	360
gtacagaatc	atggctgcat	gtcctgaanc	ctggcttaag	ccatcaacgg	ctgctgggca	420
agggccaaag	ccctgttatac	cctttcgccc	tttctgatgg	ctctgtctct	gccttcaactg	480
ggtgtgggca	agccnnaccc	acccnaggct	nnagcccttt	acccacagtg	ttannaaatg	540
caancttcaa	taggattgtn	cttnaggccc	tttccccana	anccnggatt	ttgacagggg	600
gcnatgantt	cannnnccng	cttttaattg	attggcctat	cggtttttaa	aataatgacc	660
aatnggggcn	ttgngcctgg	ccnanaancn	ntnancattc	natttttctg	ccaatttttg	720
ggtcnaaatn	ccngcngntt	ttncnctngn	nnngtttnaa	tgaactgnaa	naaaatnnnt	780
ttgnttgng						789

<210> 3704

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 3704

ttcnaatgct	tggctactcg	ntcttttctg	aggnatccca	tcgattcggt	caaatctgcc	60
actcccagag	cccggtggaac	tctggcccaa	ggctctctga	ctgactcctt	cttggcttag	120
cggctgaaga	ctgacactgc	ccgatcgcnt	nagaaacacc	gtaaaccatc	acggangccg	180
agctntactt	anctttcana	gtggagggaan	gcnggaatgt	nangcctctn	aacccaagcc	240
aagccatcac	attccctgng	acttgnacgt	atgcacgtnt	gncctaaat	ggcctgaant	300
tactgaataa	tnacananga	ngtgaaaagg	ccctgtcccg	ccttaactga	tgacntttcc	360
accattggga	tttgttctctg	ccccacctta	acngagngan	ttaccctgtg	aatttncttc	420
tcttgggtca	naanctcccc	cactgatcag	cttgggancc	ccgttcntnn	caccatanaa	480
caaacccccct	ttgactgaaa	ttttcccat	accttcccan	atcctataaa	angggcccca	540
nccttatntc	ccttcgctga	ctcttttctg	ncttnnggcc	catctgnccc	tggcgaaata	600
aacanccatg	tagttcacat	aanaanatcn	tttaaaaaac	cttnganccc	tttttnaant	660
atantggagg	cccnttttan	gggaaattcc	cgnanttttg	ataangatac	catntgtann	720
antnttgggc	caanaccnc	aaactntgaa	atgnccattt	gaanaaaaaa	aangccttnt	780
antttttggn	cnnaaaattg	ngngg				805

<210> 3705
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(868)
 <223> n = A,T,C or G

<400> 3705

naaatccctg	gctactcgnt	ctttttgcag	gatcccttcg	nttcgaattc	ggcacgagcc	60
agcctggcca	acatggcaaa	acactgtgta	cactacaaat	agaaaaattg	gccggggcatc	120
atgggtgtgtg	cccgtagtcc	cacctactca	ggaggctgat	gcaggagaat	cgcttgagcc	180
tggagggcgg	aggttgcagt	gagacgatac	cgtccactgc	acttcancct	gggcaacagc	240
aagactncgt	cttcaaaaaa	aaaaatttta	aaaagatttt	tcttatggng	ggtttcaaaa	300
aatggttgn	ttggcaacgc	tnggtgccaa	tgggttacct	ctgnntaatc	ccnccacttt	360
ttaaaagncc	caaaccgggt	ggggatcacc	ctctanggtc	nggaaatttt	gtnnnacctt	420
tggggtnnan	aattnnngng	nnccccccat	ttttttcntt	ataaaaangna	ccccncnaaa	480
aaattctatt	tccnccgaat	ttgggtgggc	accgttgccc	ttggtaaatt	cccaancttt	540
ctttggggga	angctttaag	gcccaggnaa	aaaattggnc	ntnaaanctt	ctgggggctt	600
caaagccgaa	ncanttncca	accttcaacc	ttccatatnn	anttggggac	tacnagggng	660
ccnccnanc	nttttnctgg	ctaanattta	ctgantttca	ngtagagnan	ccanctttnn	720
ttatttttnc	ccaaanncnt	gctnnnaaat	tctnnctnt	tatgnanccn	accaatatct	780
nnntnccna	aaattctngn	nacnttntnt	ctnagaaacc	tnatngccnc	nantannncc	840
tngggttcan	nntttcccn	tccntttc				868

<210> 3706
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(855)
 <223> n = A,T,C or G

<400> 3706

cctagttna	atngctnggc	tactngttct	ttttgcagga	tccctcgatt	cgaattcggc	60
acgaggtgaa	gccacctttg	tgaacagtat	agtaatgtct	atacttgttc	aatagtttag	120
aggaggtagg	agggaagaaa	ttgcaaaagg	taatattact	agtgtgttca	tacttggaca	180
ttttcagaca	ccatttttct	atatgttttg	tgcattttgt	tttgctctgt	atatagtata	240
tataatggac	aaatagtcct	aatttttcaa	catctagtct	ctagatgtta	aagaggttgc	300
cagtgtatga	caaaggagta	aaattagcct	attttgtaca	ctttgngggt	gaattcctng	360
gaaaacctgg	cttctgnnaa	aaaccttttn	cttaggaatn	tgtttngcca	tctcttaacn	420
ttacacctng	ccctgtncct	ntccactgga	ttgaaaggcc	cnataaagga	aggggagggga	480
agggaaattg	atttcaaagg	ccccaaatgg	gccacatttt	aggaaagaat	accctcacna	540
tgggaataanc	ccattttggt	aatgtngtgg	tgccaaattt	ttattttaa	aagtgcctgg	600
ngtaatggtg	ggtggggacc	aaagtattat	ntggaaaata	tcctnagtnc	tttcttagaa	660
tanttttggg	aaaatgcctt	ggatggtatt	ttaaaaagtg	gtaagtagaa	atanaccctt	720
tttggaat	aagccttttt	aaaaaacctg	attgggnaaa	ttcctngttt	tggaaanttg	780
gaaattggtt	ggaaccancc	tgggaagggtg	ggaaggggaa	gaaaatgcca	atggggggtt	840
tggccattgg	ttnta					855

<210> 3707
 <211> 778

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 3707

gnnnnnttnna	aannnccngg	nttcnngnng	cccttgtttg	nccnananaa	acncnntgna	60
ancnccgget	cgcttctect	cttccattgc	gatttgctt	ctttatccag	ncttnnggaa	120
tgctgatttn	aaatgtnnnt	ggcacaaggc	aggcgtgaaa	acataaagtt	aataaaaatc	180
gaatgcataa	gctagagcag	attatccaca	gattcttcca	tctccatata	gattatcacc	240
attgcctgca	cctgttttcc	ttctccagcc	tatctgatgg	aatgggtgctt	ccatgacatg	300
tggtatttgg	aaggctctta	gctctgatgt	aatcaggggt	tgacccatag	tcacctgaaa	360
tagnncttct	ggnnctcttt	ggtctatgaa	ctgaagggtc	tcagaagccc	gtgttatgca	420
aatacccttc	catccccctc	cctctcccc	tgcctctatc	catgttccct	cagcctcagg	480
gtgcttgca	gctaagagga	ttgggnctct	ggcatcctgg	agctgaacag	ctcngtccag	540
gaattcccca	ggcccttgag	nctctgggg	gagttgnagg	ggtgtgtagg	gngctgggga	600
ttaaganctg	ctgagtaggg	gcttaccaga	ggtatactga	aggacctgaa	gacagatcat	660
cttcacataa	tcagcatgac	cataatctgg	gatggcactg	agcttctttn	antcnggagn	720
caaggaatgn	gcncaagnaa	ngcaaantaa	tnccttttaa	gcccagggat	naggggaan	778

<210> 3708
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 3708

ttnnaannnc	cnnntttcaa	atngcnaggc	tactngttct	ttttgcagga	tcccatcgat	60
tcgagtgatt	aagtctcact	aggaataggc	ttttctaaat	tgntttatct	catcctcatt	120
agaacttcac	cacatgtggg	aatcatgtg	gcaaaaactgt	ctctcttaaa	aaaaaagtca	180
ccaaggaaac	ctccttctgc	aatttaagaa	ataaaaatccc	agtgcattg	atttggtatg	240
tccaaacatg	tccataatgg	aagagctttt	ccagggtttt	gtttggggcc	cccagaccaa	300
agcttttgaca	cataatacaa	gctctgtaag	tctgttttcc	tgtctgtaat	ttgggattgt	360
catctttgta	gggtgtcatg	gagattaagt	tattcactgt	agacaatgcc	cctttcatgt	420
aatagattct	gtcagtatta	gatcttttcc	tttctcttca	agtttcaaac	atagattagg	480
caaaatttta	atggctattt	cacaaaatca	gcttgattct	tgtttatgac	atcaagtgtt	540
gtttttccag	gttgtctgtt	aaagggttac	tttttttttt	ctaaaagtgc	ttttanaaat	600
tccagtgtta	gtatgtatgc	atcatttaag	ctaagaatga	agatntaaag	atcacccaac	660
agtttaaagc	tggattcttt	tancaggtca	aaggagaatt	gngntttgnc	tagctgnctt	720
ancctgtctg	gacttcttgg	actcaagtga	tcccacctgn	ccttaanctc	ccaaagtgcc	780
nggaggtt						788

<210> 3709
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3709

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cagagctcat	ttgggtaaac	ttactcctgc	tgagtttagca	ttttggtgag	agaagctccc	120
ctgagctcac	ctgtctctct	gactgccttg	gagtaggtgg	cataaccttg	tgcacagaga	180
actagaaaag	gggcagaacc	ccggccttgc	agttgtggca	ggtttccact	gtggtaagct	240
aggttcattc	ctcatcaagg	aatgtgtagc	agattgttca	ctgtggagga	gttaattata	300
gaatgggtta	ttgttggttat	tcttactcat	gaagttacag	attttagcca	gtctttgctt	360
ttatactttt	gtgaaattta	atctctctct	atagcacctt	cctttttcgt	tttcagttat	420
caaaagtgc	tttgacctca	taaaagagtt	gagaacatct	ctcgtgtcac	atactgcagg	480
tgcacagctt	acttttgcac	agattctagg	gggacatttt	tctgaatagg	aagacaggac	540
aaagttaaca	gcttaagggc	tcttaattct	gtgagttgag	gacttaaaaa	gtattgnagc	600
atctggttgg	atccatgaaa	aaatgtattc	agtgggcttt	taaaatttcc	atctgcagaa	660
tttggntctc	cangctgttt	ggggagctct	tttttttacc	atcttttctc	ctttgcacct	720
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<210> 3710

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A,T,C or G

<400> 3710

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tgtttacata	taatccttct	taaagtatac	tcttttataa	atccattggc	ataaccttac	180
ttttagttta	gtgatccaga	atttccccag	agcttaagcc	actgcagtaa	attaggtacc	240
gtaggatatt	cagtcgctac	tagccacaag	gagtcctcct	atcttaaatgt	acctccctca	300
gtactttatt	cctgcagagc	gcctcagagt	gggggagaga	aatgagcaat	cctgggtcan	360
ntggattatt	tcagcatttt	atcttctaaa	atctgtagt	tgatcccgaa	aatattttaaa	420
attaaaaaaa	atactttttac	cagaagagag	gcctacctaa	tcaatgngct	ttagagaaac	480
naaactaccc	tttaccattc	aatttaacaa	ccnanaaaaa	ggtttaccgg	aaatttttaac	540
aaaacatttt	ttctttatct	gaattntggg	gaggaaaata	cttaatgctg	acaccgttta	600
ataaatttag	gaaaaaggat	ccattcccag	gaatctttat	gggaaaaaat	tggggggtttt	660
naaattttcca	agccagggtt	ggctcttttg	aagaacatng	ggtaantcct	cnttaaattgg	720
taaacttnct	taaaagggan	naggggttag	aagggaatct	ttgggnattn		780
ttaccnttta	aattaatggg	tcccaggaat	nggggtttca	agggattntt	ncanaaatta	840
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<210> 3711

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 3711

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gagtggaaaa	atacctgtaa	atgatgtgga	acagaccaat	gtgccatatg	tctatgctgt	180
tggtgatatt	ttggaggata	agccagagct	cactcctgtc	gccatacagt	caggcaagct	240
gctagctcag	agactttttg	gggcctcttt	agaaaagata	tatcatactt	tgttctggcc	300
tcttgaatgg	acagtagctg	gcagagagaa	caacacttgt	tacgcaaaga	taatctgcaa	360
taaattcgac	catgatcggg	tgataggatt	tcatattctt	nggaccaaac	gccggtgang	420
ttacccaagg	atttgcagct	gcaatgaaat	gtgggctcac	aaaacagcta	cttgatgaca	480
ccattggaat	tcaccccaca	tgtggggagg	tgttcacgac	tttggaaatc	acaaagtcgt	540
caggactaga	catcactcag	aaaggctgct	gaggctagcc	tgctgctggg	taagttctnc	600
ttgncatatt	ctcattttct	tcaaagataa	gaatgctctc	ggatnaaatg	agcctgtgct	660
catgacanct	gctctggtac	ttanggacca	ntgcaaggct	tncttaccac	acttagatga	720
gaaagttnnc	aanggaaaaa	ggncaccaat	ngggcatttt	gcctt		765

<210> 3712

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (807)

<223> n = A,T,C or G

<400> 3712

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gctccttaac	tggtcttgga	aagagcctac	ttcccatagt	gaaccctgtg	aggtccaatt	180
ctgttctctc	ccttggagct	ccaagagaag	gtcattgcct	tgtagcagca	ggtgcccccc	240
caagctgggt	tctcactgca	ggtgccagcg	ggctctcagt	aggtatgacc	tggtatgtgag	300
tggtgaacca	ggattgaggc	actcagcacc	ttcgaccaca	cttcactctc	ccctgggggt	360
caagtcaggc	tatggaaaag	tgtcaccttg	tttgncatat	aactggatgg	gtngtaaaca	420
gaacgcctct	ggcaaaggtn	gaccttgaag	gcaaaactga	gttgaggggt	gttaggacgg	480
aaataattac	tgctgggcat	gcaacacttc	ccaaccgttc	ttgtgangca	agcantgtta	540
ttgncagttt	ggcacaangg	cacangtgta	nnaacaacgt	aagtgccctg	gggcccgtgc	600
ttacaccacc	cactgngggt	tgaacttana	atgtgaaccc	aaggcccttt	ttgaattccc	660
aaantccctc	aatcccttca	atcctaaaca	agcmttgcc	gccgggttan	ccaaaaaagg	720
gggacctcen	ggnaatntng	ctcttgccan	ntttntttta	anctggatnt	attaatgggg	780
aaaaccanan	ntanaantnt	ttggtnt				807

<210> 3713

<211> 909

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (909)

<223> n = A,T,C or G

<400> 3713

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attttatatt	ttttcacata	gtgaaaaggt	gaaattgggc	tgtcttcctc	tttacttttag	180
ctgctagtaa	ggttgaaaca	acgatgggtc	ccaaatttaa	cagttagggtg	acatcttctt	240
ctacgtgtgc	taagattacc	cagacttcac	tttaccctta	tttccactg	actttgatcc	300

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cttttacttg nttttattct gnaagtatgt atttttgnca tctttcagna ctctttggna 360
tcnnaataaaa attaaattcc cctagncttt aaanangata atngggtnnc ttggnttaaa 420
nattaaaaaa naaaagtnat ttngggcttt natataataa ttaagccant aagnnatttt 480
tnggcnaaan tccttttctt gccanaaggg ggcccagaac gggnttaaat attttttaag 540
ggtgggttnc caagggccaa ggtggaatcc tcttgggttg gcaaacttaa ccttcaagcc 600
ttcttggccg gttccgttaa antggangga aaaaggccag gccccttnng gacccaatgg 660
gccatttaaa ggcccataat ggggggttng ttggaacttg gggggttttc ccaanttaaa 720
aaaccttttt aattttttnc naaaaaancc aatggggctt accatttttg acttttttng 780
tggttngtaa ttttggcctt acccccccaa aaanaanaaa anannnnnct tcctatattn 840
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<210> 3714

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3714

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atggcagaaa atcagtgatg tcattgagga ctctgtagtt gaagattata attcagtgga 120
taaaactacc acagtttctg tgagccagca gccagtctcg gctccagtgc ccatcgctgc 180
ccatgottct gttgctgggc acctctctac atccaccacc gttagtagca gcggggcaca 240
gaacagcgac agtacaaaga agactcttgt cacactaatt gccacaaca atgctggcaa 300
tcctttggtc cagcaagggtg gacagccact catcctgacc cagaatccag ccccaggctc 360
gggcacaatg gttactcaac cagtattgag gcctgttcag gtcatgcaga atgccaatca 420
tgtgactagt tccctgtgg cctcacaacc aatattttatc actacgcagg gatttctctgt 480
aaggaatgtc cggcctgtac aaaatgcaat gaatcagggtt gggattgtgc tgaacgtaca 540
gcaaggccaa acggttagac caattacact agttncagcc ccangtacc agtttgtaa 600
acccgacagt tggagttnca caagtgttct tccagatgac ccctgtgang ccaggcttca 660
caatgcctgt ganggccacc accaaacacc ttnaccaccg tcattcccgg cactnttacc 720
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<210> 3715

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (960)

<223> n = A,T,C or G

<400> 3715

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ggattgtatg ctgtctgtag aatgttgatt ttcaggcacg gggatgtagc tgtagaatgt 180
ggcttgggtca ttcttctctga taagaaattg atctcctgaa tggattggcc atttggtaat 240
ttcttagtga aaggctgact cttgaatatg gctggtataa tataaattct taccaacata 300
aaagtaaggg cttatttggg gcttgggtaa aactgtcatg ccttgganga tatatagctt 360
ataaaattgg ctttaacctg nattttatga cctanctnnc ccctgntgcc aacntttnac 420
ttgccaaaaa noctgggatt cntgtttnc aagggngnac cttattattt gtggaagaaa 480

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aatttggatt	nnccaagggt	aacctatttt	tcaanggctt	cttggctttt	tgnaattttt	540
cttcaatttc	accatggcnn	tcctttttat	tcctnttttt	tnccccttcc	caaanggggt	600
tccnggggaa	tttancctgg	tttcccggga	aagnaaanga	angggatttn	ttccaccant	660
taaggccanc	cccaaatttt	tttacccccac	ctttccaaaa	accccanggg	aagccttacc	720
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ttagccnaaa	aaaggaaagg	aatccgtttc	cccattattt	gggaaccgcc	ccccatttta	900
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<210> 3716

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 3716

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ctttattttg	ccagaataat	tctgcagggt	gttttttttg	ggacggagtc	tcactctgtt	180
gcccaggata	gaatgcagag	tggcacaatc	ttggctcact	gcagctcttg	cctcccagtt	240
tcaggagaat	tgtgtgaacc	tggaaaggcg	aggttgagtc	gagccgagat	caatcaccac	300
tgcacttcac	ctgagcaaca	gggcaagact	tcattctaaa	aaaatttttt	ttggatttat	360
atctactgan	aaggtctgtt	actaaagggt	ttaanatttg	gntgggtttt	accgctaaat	420
gtttgtanag	tctgaatctn	tggcctnggn	aaagaataat	tacangcmtt	caccaagtgt	480
tgaaaccttc	tgggttngga	tgaaaagaaa	ctttcaagct	nagaggaana	atgttctgaa	540
atatttgggg	aagtttggca	gactcctttc	tcaaggggta	tgttcatttg	ggccngtgat	600
tctggaaccc	cctttgcaga	tatcttaagt	gtgtcatgaa	agtttaccaa	gaacattgtg	660
agtanttgca	attaccaaag	ggaaccaatg	ttcatattac	tttcatttat	ccggtctcaa	720
gnattcttnc	ngagatnctt	taccctgtgt	aaagtgaatc	ncttctct		769

<210> 3717

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 3717

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gggcaatcct	acttgtgtac	tcattggatt	cattcagtga	ccttggtatt	atccttctag	180
ctaaatgctc	tgggtcttaa	ttcacgactc	caagggtgct	cttgatttta	aggaacattt	240
tggcagaata	gagagaagtt	gagcaaatat	taacagatgt	ccaaaggggc	agtgtgattt	300
attatgtcaa	gagaatcagt	tttatgtcga	gggaagaatt	ttggtagaaa	tcactgtatt	360
ttttggaaaa	tatcatattt	gggttttttc	attgnataag	taatacatgg	atacatgctt	420
atataaagaa	aaattcataa	tatagaaaca	taaggaggaa	aaatgagtca	tttttctccc	480
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acgttaaaag	cagtcataca	tatctctaaa	gggaaagttt	gcgtttgctt	gntntttctt	600
cctgnattaa	taggatttgg	gtatatatat	acncccccg	taatatattt	tggatctgga	660

tatntaggag catatctctg ggggtgcgctt tttaaaattt tatggccaaa tcctacagct 720
tcttcatgtn acttgcttat tngatgtttc cncant 756

<210> 3718

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (766)

<223> n = A,T,C or G

<400> 3718

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agaaaaggaa	aagaaggcgc	aggaagcaga	agcgcagagc	gaggacgacg	acgaggatac	180
agaagaggaa	caggggggaag	aaaaggaaaa	gggagcgcag	gagaaaagga	gggggaagag	240
agtccgtttt	gcagaagatg	aagaaaagag	tgaaaattcc	tcggaggacg	gtgacataac	300
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tctacttaac	aggttgagt	aacccaacat	ggcttccatc	agtgggcagc	tggaggaact	480
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ctgcgttcac	tgcttcggcc	atgcccaaca	gactgatgat	ggagcatgtt	ctcttagtca	600
gcaccttna	ccacacagtt	tggaatcgag	gtcngtgccc	actttcttgg	aggcattggg	660
gaggaaagt	cgatgccnnt	cttttnaata	ccggaagcca	aagggaang	anttgttnaca	720
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<210> 3719

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 3719

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taatattcat	agtttctgaa	gatcaggatc	tggatttctt	ttggggcaat	tattcagcta	180
accacatatt	ataatgagga	agcacttctt	gggaggcatc	ataatgcttg	tttttctttt	240
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tcttgatgct	catttctttg	gtcttctctg	tgatgaatta	atgtttctat	atggacatca	360
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tgcttctcaa	tttttcttta	tattcctatc	ttgatatcaa	actgtaagta	taagaaaaac	600
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agttaaagat	agctttctta	tatactctca	aacttagttn	aatgagacta	aagctattac	720
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<210> 3720

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3720

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cgtgcaggtc	ccgtgggtgt	acacacatgc	tggtgcaggc	gtgcaggtcg	gtgggtgttac	180
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ctcattgtgt	ggagtttctc	gtgtganntg	cagtnacaca	cgattggcct	tttttttttc	660
gttggtgaga	caaactttat	tctgccttca	atctgggggtg	tcanaatgag	accccatntn	720
aaaaaaaaaa	aaaaaaaaaa	aacttgagcc	ttt			753

<210> 3721

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 3721

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tcggcttttg	ttgagacagg	gttttgctct	gccgcctagg	ctggagtga	gtggcgatgat	180
cactgcagcc	tccaactcct	gggatcaagc	agtcctcctg	ccttggcctt	ccaaagtgtc	240
gggattacag	gcgtgagcca	ctgtgcctag	cctgaatagc	tcttaaactc	atccactttt	300
cttcctctcg	acacctgaca	ccctagtcct	gctgcccctc	tctccacctg	gacaacctcg	360
cccacccccca	agttggtttc	ccctcatcta	ctcttgcttc	ctttcagttc	atcttctgtc	420
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ctganctaga	gatgggttgg	gttgggggtg	ggacttggtg	aangcatgga	attgggggttc	540
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ttgggggttg	ggggatgggc	aanggcttgc	ctactnacca	naatttgccc	tggttgacaca	660
aagttttaac	ccacacccaa	cctncgntaa	nggctggggg	aacnttnaag	ccantccgaa	720
tagcttaang	ggccctgttg	ggcntttctt	gaanggggta	ccagtttttt	ttcct	775

<210> 3722

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3722

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cngnnnctng ttctttttgc aggatccctc gattcgtttt tttttagaac gtgggtcttgt      60
ctctatcctc tggacactgc agcgtacgag taacaacagg tcttgcaggc taaataaactt      120
ataaacaaaa tttccttcct gaggagctag gtattccgat gtatcttcaa catagtccctg      180
aagttcatat ggcaatcgtc cttttggctt ctgaaatgca gaaggccatc cagatttcgg      240
ccaactagag gagtctgaag gaccagacaa ttgctcagaa acagaaggct gtttagaatt      300
ttctaaattc attaagggca attctggtag ttttctggaa attggcttta agagctcatc      360
ctgcattttt aaaatctctc caactggatc aaatttttta tatactcggt tgatagggtt      420
ttttaaaaca catgactctt caggactaca agcagtatta gtctgggttc ctacagaagc      480
ctgtcctgag gaagaatttg gactagctgg tctggaactt aagttagaac ccacaacagc      540
tgtctttcca tcaactattat ttttacattc tgnatcaatg attaaacact cctcatctgt      600
atcactgctg cagagaactg tatcttcagt ttttgctgct tctgatccaa cagtcttttc      660
ctttgagttg gctanggttt ctagaacatt aggnctttca ccatcagcat gtaatatatc      720
tatagncata tcattttatt agaagttcaa tttcttgaaa t                                761

```

<210> 3723

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 3723

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ttgcaaannc cctgtttcna atnncnaggc tactcgttct ttttgcaggg atcccatcga      60
ttcgtctaaa ttcattgntt atatttatat atgtccttaa tcttcaactca cattggccct      120
acaggtagat tcattgctca ctgtcagttc tcttgctgaa gttttcctat ttttctcttg      180
atttgctgaa attccttctc cagtagttta atcaaaaggg actaaatgaa aaaaaaaata      240
ttcagttggt gcaagttcaa aaagggtttt agtctttgtg tttgattgac agctttccag      300
catataaaat tottaggcca cactttcttt ccttgagaac ttcacagatg tcacttctgg      360
ctctagagtt aaatgccctt gtgggaaaaa cttgagctaa cttctatttt ggtacccttt      420
atgaattgat gntttcactt gactgnccaa agtctttttt atttaactgg ttcccccttt      480
cttttatatt ttaagtctag ttacttttca tagaaattac ccttggtatt gacagatttt      540
tgn cattttt ccccaaagac atgggtgtgc ctttcagttc gtagatttat cttcttttac      600
ttcaagaaaa ttttcttgga atgatattt taaatattta tgttccccta tttgagtttt      660
ctattctggg gatatatgat gggtccttg nagancttnc aaatctgnaa tttctctgna      720
atctctttac accggtcatt tcaatttcct ttgctcactt tctcatctt ggtctcaggg      780

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<210> 3724

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3724

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gtgnntnnnn nntttnnncn aaggaaactt ttgcnanttn ccctttttgc aggatcccat      60
cgattcgaat tcggcacgag cctagttaaa tcacaacaag ttagtaatnn ataaatgatg      120
tgtcctgttt ctcttttagta gaaattatat ttttggctac cagttaagaa acttgtctcc      180
tttgccctt atgttactat aaactcaaga tgatgagttt tgtgggtatt gacttcatag      240
gcaaaatcaa aatttttact ttgttgctat tctgttttat gaaataaact tctgtctatg      300

```

catttgaact	aagtttcagc	aaattcaatc	taaattgaat	aattccagct	cccagtttta	360
tcctatgttg	ctcataaaac	agttccaagt	atactgcatt	atcttgagat	ttgaagatat	420
ggtgcccacg	gggattatac	taggcaaagt	cggttaagcag	ctctggccta	ggtgtttgtg	480
atthtaagag	actctatctt	aggagagctt	aagtgattgg	gctgcaggaa	gaagacattg	540
taaccacagga	attaaaaaatg	gattcagatt	gcctgatttt	aacacttttag	tttcaccata	600
ggctaattat	gtgacattgg	gcaagagaca	taattcttct	gtccttagtt	ctacatttgg	660
aaaatagaga	tgatttggga	acttattaat	aagatttttg	tgagagataa	ataaacaat	720
ncttttgnaa	aaaaaaaaaa	aaaaactcga	gccttagaac	tntgnngg		768

<210> 3725

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (793)

<223> n = A,T,C or G

<400> 3725

gtncnatnng	tgntantnng	cgncettggcc	taaananata	ggntnngggcg	tgattctgga	60
acagagtgc	caccaggaga	atctaagaat	ttgggtcaaa	aagaaaatgg	caattacatc	120
atgtgctcta	ctatatcttc	ctgtgtattc	aaaagtatct	ttttgaaaat	ggaagggtag	180
atgacatttt	ctccgatctt	tattatgttc	ggttcacgga	gtggctacat	gaagttctga	240
aggatgttca	gcccggggc	actccacttg	gctatgtctt	gcccagccac	gtgactgagg	300
agatgctatg	ggagtgcag	cagcttgggg	ctcactcccc	ctccaccttg	ctgaccaccc	360
tcattgttct	taataccaag	taagtgttct	agaggctcca	ctgctggcat	ctgtccagtg	420
aagagtgttg	aagctatcca	agaggccttc	tgaattcctc	tgacatatat	ttgagaaagg	480
gcttggactg	tgaaaagaaa	tgtggccccct	ttccatcttc	aagagagatg	gaattaatga	540
tggatggacc	ctggagggaa	tctccccagc	ccgactttca	ctgggctgac	agacttttgc	600
gaccacaggg	gaacnatgtt	cntttctttt	cttcatgatc	agacntaaac	ctagcntcnt	660
taatggaaga	aaaatgaagg	gggaacttca	attatgantt	attcaacgac	caantttnta	720
ttacncccc	ccttttatga	ccaagntgac	catttnnnat	gttanngtta	aaaaaccttt	780
cccttgccct	tnt					793

<210> 3726

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3726

gnnnnttnnn	nnnnnnnnnt	tttnannata	cagctcttgt	tctttttgca	ggatcccatc	60
gattcgctga	caagtctgaa	atacatattg	gagcctggta	gactgaaaac	tcaagcaaga	120
gttgatgtta	aagtcttcag	tctgaaattt	gtagggcagg	agattaggct	ggaaactcag	180
gcagaatttc	tgtgttacia	tcttgaggca	taattcttct	ccaaaaaaat	ctccattttt	240
ttctcttaaa	gccttggatg	agccttggat	gattggatga	ggactaccca	cattatctag	300
ggtaatctcc	tttgcttaaa	gtaaaactcac	tgtgttaatc	acatcaacaa	aataccttca	360
cagctacatg	tagtgtttga	ccaaacaact	aggcaccata	gcctagccac	ataaaattac	420
tatcattata	ctttttctta	tcacataact	ctaccttggga	agggatattt	cccagttggg	480
atagctacaa	aacagaggca	gatcatttag	cctgcatttg	atttgtagtg	aaaaataagc	540
ctttgggtgtg	tttaaccact	gaaatgttgc	ggtttattag	tatagcacia	cttatectat	600

actggccaac	atagatgctt	tcggttgcaa	gtaacagatc	cccttacagt	ttacaaaaaa	660
aaaaaaaaaa	actcgagcct	tagactatag	nagtcgattc	gtagatccag	acatgataga	720
tcatgatgag	tttggacaac	cacacttgat	gcagtgaaaa			760

<210> 3727

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 3727

aaacgcttgg	nnnnncnnnn	ncctttttng	gatacagntt	ctangacaan	agctacttgt	60
tctttttgca	ggatcccatc	gattcgaatt	cggcacgaga	cttttttaac	gaatggggga	120
agggatctat	gagaaaagtg	gtatctaatt	tttttatgga	ccataaaggt	ttaaaagaaa	180
ataggggcac	aggctgttga	ggtttttatg	ttgttataga	cctttttaaa	ttatgttaga	240
gatgtntata	ggnatttaaa	ggtcactggg	agcgtttctg	attcccggcc	acactttgca	300
tttcaacact	cagcccggaa	agatgctcgt	tcggntgttg	gacctctttc	actccctgcg	360
tgtaagaagg	tgaatcacgt	gggaaaaagt	gataccttagc	aacgtgccag	gacacttcct	420
gtgtgcctgc	agttgtcang	gaccatttgg	gatcccgaa	ctcattctct	aaaactgctt	480
tcttgaaaca	tgttacttcc	ttagtataat	caatgtatac	tcccttactg	gcctgaaacg	540
ttgtatagct	acttattcag	atactgaaga	ccaacggact	gaanaaaaga	acaaacatta	600
gctattttat	gctgcaagaa	ccaggacaca	caattcgcca	atcatccac	catataacct	660
tcgattggng	cttctcaact	ccacccata	atttcttcca	gagaccatct	atcanccttt	720
cccaaagaa	gaaacaaaac	cngttgcacc	ttaaaccatg	gatatttttt	cctcangggc	780

<210> 3728

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (774)

<223> n = A,T,C or G

<400> 3728

tnggcnnnnn	gnnnnnnnnt	ttnnntatac	agtaacngaag	ctctttgnaa	tnncnctttt	60
tgcaggatcc	catcgattcg	aattcggcac	gagatatgct	gaggtcctgg	cctccagtac	120
nttagaatgt	gactgtattt	ggagatggag	atacagcctt	caaagagggtg	agtaagttaa	180
actgaggttg	ttaagatggg	cccgaacca	atctcaccgg	catccttaga	agaaaaggag	240
ttggagacac	agagagagag	gctagacaca	ggcacacgtg	aagggaacgt	caggggaagc	300
ggcagcgaga	gggtgctgtc	tacagccaca	gagaggcccc	tgaggagacc	aacgtgccg	360
gcacatgat	actggactga	cttaccgnct	ccagaactgt	cgaaaagaca	tttctgttgn	420
ttaacaaaat	agcagtctgt	agtacttctg	tctggcagcc	caagcagact	aatgtatagg	480
gcattagatt	gggcgtaagt	aaaatataaa	ggaacttaag	tattgaatag	tgaggtgct	540
gtgaggaggg	atacattgng	ttntgntatt	ggtcatacag	agctagctgn	tacctgaggc	600
ttcacaatgt	aggntctact	ctaattgtgc	tgcttaaaaa	accccaggcc	gggcatgggg	660
tggctcacgc	ctgtaatccc	agcactttag	gaagccgang	cgggcggatc	acgaggtcan	720
ganggcnaga	tcaacctggc	caacatggng	aaacctgtgc	tntactnaaa	anac	774

<210> 3729

<211> 779

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 3729
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 tctgcagatc ccategatgc gcgaggccag ttccaggccc actttttgcc ctgtgagccc 120
 cctgcattnc tggnttntcc ttttncaggc tgctnctcng tggagcttct ctattnacn 180
 tctactactg tatccatgnc tntagnnggn cctntcagtg atgtngctta tntccccaat 240
 gacactgatg ggagctnctt aagaacangc tgtntacgga caaggatgtg aagtgggtaca 300
 agggaaaagt angccgntta ggacctgtgg gtgtgtcatg actgtgcttg tatctcttgn 360
 tagctttgtg gccttaggtt caatgctgac cctttctgag gctcaagttt ccttatcttt 420
 aaaataggta ttaaaggaag taatccggtc catacctgag cctgggtatg cctcctccc 480
 ggacgttcct gttttctgat cgtcttcagc acagacatga gtaaagtgc aatgaccagt 540
 cctgtgactt actgagggca aggtgttcca attcagattg tatactgata attacacagg 600
 gaaataagag aaganacaag ttanaagcct gnagattata gatgtttttg aagaatacat 660
 tnttttgcac taataaatgt gaccagtttt taaaaagttt tcagtattag aggaaatagc 720
 cacccccata ctactctac tactgcaatt actatttagc aatttttatt ntttctttt 779

<210> 3730
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3730
 gnnnttnnat nccccncttg caaanctntg gctacttggt ctttttgcag gacccatcga 60
 ttcgaattcg gcacgagccg gacagagagc gcaggagccg cggtagcccg gcttcgtgct 120
 ggggctggat gtgnggcagt tctgtgatcc gctgccacgt ctatgaccgg gcggcgcnng 180
 gtctgctggg tccagcgtgc anaaggtaga aaatctttat cctcaaattg gctgggtaga 240
 aattgatcct gatgttcttt ggattcaatt tggtgccgta ataaaagaag cagtcaaagc 300
 tgcaggaata cagatgaatc aaattgttgg tcttgccatt tcaacacaga gagcaacttt 360
 tattacgtgg aacaagaaaa caggaaatca ttttcacaac ttataagtt ggcaagactt 420
 aagagctgtt gaacttgtaa aatcttgtaa taattctctt cttatgaagt agagacaggg 480
 tttcatcatg ttggtcaggt tgggtctgaa ctctagcct cacgtgatcc gccacctcag 540
 cctccaaaat gctggtatta caggttcatg catccaggag catatgcaag atactgaaca 600
 gttccgcact acaaagatct cttgngttgg tcttctgtaa ctatatctac cactctncta 660
 tacacctcct acctctctc attcctagct cctggcaacc actaatctgt cctccattta 720
 aaaaatgttc taatttgaaa aatgtatatt catagga 757

<210> 3731
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)

<223> n = A,T,C or G

<400> 3731

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ggnnnttnna ttccccccct ttgcaaaten ataggctact ngttcttttt gcaggaatcc      60
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gaagcaagct tctgagttat gaaagcctgg gttcaggaga ctaacctata tgtaggttcc      180
taggaaagtc cagttaaagg gcctactttg ccactgctgc ctcttcttta atgctgaacc      240
tcatctccca caagggggca gtctcagcag gtgtcagctg agccatgtgt catctgtcca      300
ggctaactgc ccacacatcc ttctgcaaag ggtacctctt gggtatcagt gctcactgat      360
ccctatataa tcagactcta atccctgtaa aaagattact tgggtgctagc caagctagca      420
cctttgggtc ttcccaaaca tacaccacta atccagactc taataacttc atttcttcta      480
aattacaaga tcagagctga aataggcctt agaaagctag tctgggctgg ggcgaatggc      540
tcaagggagg cggaggttgc agtgagccaa agactgcgcc actgcactcc agcctgggca      600
acagagcang acttcatctt gcaaaaaaat aaattanatn aattaaaaat ntgaacctat      660
atgggatttta acctcttctt ctcaattaaa agttatttta aaaaaaatgg caaaaaana      720
nnanngnnaa naaaaaaaaa cttcngaccc ttttnaaact nttangnggg gtccnnattt      780
accggtagaa tccnagnn                                     798

```

<210> 3732

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 3732

```

ggnnnttnna annccntnnt tgcaaatcgc naggctactc gttctttntg caggatccca      60
tcgattcgaa ttcggcacga gnaatcaata tttttcaata gaagtattag aggttttttt      120
tattgatata aaaataacaa ttacagatcc tgatatatag aagttattca aaattataca      180
gttttcaaaa aatcaagaca agtaggcccc atacaaacta ctgaatcatc ttctaatttc      240
cctctaaaat atttatagaa atatgtaagt agaaaaacat tcatccttct ctcgtctaata      300
tatgatcctg ccatattcca ggcacaagag aaagctctgg ggcttgagtc ttaatagggc      360
tgatagtcca accaggggac agggatatcat aaagagataa ttcaaaactt taagattgga      420
gggtaggtga tggtagaaaa ttctgcggca aacatttggt gatgctcatc atttgttgat      480
gtcatcaaaag atcaccaggg cataattata atcaaaaatta gttttattga tgcttgctgc      540
agcaagagag actgcacacc actggggtct atgggtgctt ctcatgaggga aggtgtaagg      600
aggggcttgc taagaatttg agcacatgta gctaatttta aggagggctc aagtgagcca      660
agggtttctt ctggattgag tgctgtccag aaagtggatt gagtgctgca gaaagtggga      720
gtgattttgc actggggganc ttaattttta tggtgtgggt gggang                          766

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<210> 3733

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 3733

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aaatcnncag ctacttggtc tttttgcagg atcccatcga ttcgaattcg gcacgagggga      60
aaactgctaa attaaaatac tacacattac ggaaactgtg gagctgcctc cttgatagaa      120

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tgtttaggtct	gttttttgttg	tcttctgcct	atgtctcttg	acttgtagtt	tcttttgttt	180
caaatacactc	tgccctcgta	tatacttttg	ttagactact	tttggtgaag	cactctccaa	240
tagaagaaca	taatgtggtg	tcaattgtgt	agggatcgcc	caagcgttgt	ctagcatttc	300
tgctccccag	cagaagccat	tttatccagc	cagagttgtc	cttcacagtt	ctagcatagt	360
ctaaactcat	ttctcattg	ttcatattct	ttctctccca	cccactctgt	cttccctggc	420
aattcaagtt	aaattccatc	tctcttcttt	gagttgctcc	cctgaagtaa	gatttctggt	480
tcttctggca	ttttacctct	aaatttatca	ataacatggt	tattctgctg	ttcttaatgt	540
cgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	agtgatttta	atcttctctt	gaatttagaa	600
gatgagaatt	tagtctttct	cctttcccca	ttctacatt	actcctaaat	tgaatcttta	660
atataaaatc	atztatttta	gtttccagtg	tcatacataat	tttacctttt	ttctactcag	720
gactataatt	cccagca					737

<210> 3734

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3734

aaatcnnnag	gctactngtt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
tnaatnntng	tttganatca	tgcccn gatn	ngacntcaag	cnatnaagga	actgcctnaa	120
tttgccactg	gagaaaaatct	tcctcgagtg	gcagatntac	taacncagct	tttgcnnacn	180
ggtaagggat	attatnnnta	ccttttntct	taaatatnta	tentctttct	naaatgttga	240
ctctggattt	aggttnnaaa	tgggggtgcag	ganagctgga	ggncctncct	ctgatngaga	300
ntaaatcccc	tactntcatt	cagacgnata	agngaaatga	ttntctggtta	tctaattncct	360
ggngntgttt	tggatntaat	accctcntga	aggngnaatg	actanattct	tntgggcatn	420
tnagatgtnt	nntaatnttt	cncccnatnn	nctgnagtat	cataatcgna	gcattcttaat	480
gaaagttttc	aggcatgcca	gatcnggatc	tcaancttac	aangaacacg	tatctntgtg	540
ggcttgaggg	aatggcttag	ntgataagca	tcctgtcaat	gtaacctnga	taaactnagt	600
agnntnacgt	tgnaaaactg	angcanntga	tattcaaant	agnaacntat	tcattgtgccc	660
nctntttctt	tactccanat	gactcttgca	naattgaacc	nagtggacaa	cgccctatta	720
agggtgtccc	ananggatgc	caa				743

<210> 3735

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3735

anantacan	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
tcagtgttgt	aattccctat	tctagcactc	tcaaaagtac	cccactctgt	acacatgcag	120
aaactgcagc	agcatctgaa	atgtccactt	cttgattcat	tctgaactcc	cttaagccca	180
gtgtttgtta	gttctcgttc	aagtctagga	actctgccga	gtaacaggta	tctcaatttt	240
gccatccttt	ctttctgcat	agacaggagt	gttcttaaat	cttctcctgt	aaagcaagtc	300
atctctgatt	tccttgagga	tcattgctcc	cgtatactgt	tgttgggggtg	agccttcttg	360
tagaggggaa	gagaattttg	tactagggtt	gatagtcaag	ttactaaggt	tctttatcaa	420
catctcagag	cagaagtttt	gagaggcccc	tgaatcgtcc	tgggaatttt	cttcagttag	480

cattttttgaa	gactgggacc	aggggttggat	taaacttttg	tgatgggtcc	attgtgtctc	540
aacacaacac	tgagcttctc	ctggatcttt	gaaacccagc	agaaactggt	gctggactct	600
caaattgcc	caaggtagac	cagaaaagagc	ctgaaaaccc	gaactccaac	catctttttc	660
tttccttttt	aatgcagaca	tgggtgttgc	atgttgacgt	gagcccgaga	tcgcaccact	720
acactccacc	tggcgacaga	gcg				743

<210> 3736

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3736

aaatcgctng	gctactcggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	60
aagcaatgtg	ggaaagcctt	cagatctgcc	tcaatccttc	aaatgcatgc	tgggactcac	120
cctgaagaga	agccctacga	gtgtaagcaa	tgtgggaaag	ccttcagatc	tgccccacac	180
cttcgaatcc	atggtagaac	tcacactgga	gagaaaccct	atgagtgtaa	ggaatgtggg	240
aaagccttca	gatctgccaa	gaaccttcga	attcatgaaa	ggacacaaac	acacgtaaga	300
atgcactctg	tagaaagacc	ttataaatgt	aagatatgtg	ggaaaggctt	ttattctgcc	360
aagtcatttc	aaatacatga	aaaatcttac	actggagaga	aaccctatga	gtgtaagcaa	420
tgtgggaaaag	cctttatttc	tttcacttct	tttcgataac	atgaaaggac	tcacactgga	480
gagaaaccct	atgagtgtaa	gcaatgtgga	aaaaccttca	gatctacctc	acaccttcga	540
aaacatggta	ggatcacac	tgatagaaa	ccaaagcagg	tgaatcacct	gaggtcagga	600
gttcaagact	ggcctgatca	atatgatgaa	acccctgtct	cttctaaaac	tacaaaaaatt	660
tggccaggcg	tgggtggcctg	gcttctgnaa	tcctagctag	ttgggaaggc	tggcacagga	720
gaatcgcttg	gatcttgggg	ggcanagg				748

<210> 3737

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 3737

ggnnntttcaa	anccgnnttc	aaancnagct	cttgttcttt	ttgcaggatc	cctcgattcg	60
aattcgggcac	gaggtttttt	aaagaacttg	ataaattttac	cttaaaattt	aaataaagta	120
tactgaataa	ctaagtcaac	ttagaaaaaa	aaaagtgtta	tctaagacaa	gttacaaagc	180
catcaccaaaa	gcccattgatc	cggcagacga	ctacaagcat	agggtcagat	ccatctataa	240
atgagagcct	gacatacttc	atctatagca	aacatgggag	acaaatcagt	ggtaaaatga	300
tacagtgttt	gggaagtgtt	atgtgaaaga	tgggcttatt	taatgtatac	agatgaactc	360
aattcctctg	taatagaaac	ttgttctcca	gagagattat	agatctaaat	gcaatgaaga	420
aaataccact	ataaattttag	tactctttat	tgtaattatc	cccaatgggt	atttttactt	480
tctcacttct	tagatgattt	tccaagtttg	tctagtatct	gagttaaaac	aaaattttta	540
actttcttat	aaaacatagc	gtgcccccat	tttagttcat	tttctacata	gaaataaata	600
aaacacttag	ataacagttc	agaaatagtt	aattaaatat	atcccagatt	ccccacgatc	660
tggaaaaaatt	atatcttcaa	aatacttctg	tctggtggat	atgtgtcttc	taaaaaaaaa	720
aannnnnnna	aaaaaaaaaa	cttcggnocct	ntagaacttt	agggngtc		768

<210> 3738
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 3738

gnnnnnnnnnn	tttnnnnnntt	tgaanccctt	tgtctctngnt	ctttttgcag	gatcccatcg	60
attcgtgacg	agcgactgta	gacgttgcca	gcatgtattg	atcaggagca	gcctgtgagt	120
caagactgac	aacagatcaa	taaattggctt	ttaaaaagca	aaaccctca	agctgtttat	180
ctaggaagcc	tgacaaaccc	tgcccgcagt	ggtgtggccc	catgtgtccc	cagggcctgg	240
ggcccacctc	tgcccagaa	gtcctcttag	tgtctgtaga	caggtcccat	ttccaccagg	300
tcaaccaggg	ctgtggcagt	ggacctggat	ggcaggcaga	gcagaggacc	gctgttctat	360
ttgttgaagc	aacgaggcac	agtgactggt	ctagcacagc	tggctgtgag	aaatggcgat	420
gatggatcca	ctttagatcc	gaagtcttag	caaactcagg	cctcttttcc	acagagaatg	480
ttgtgaagac	ctgggaatga	gctgttgatg	tgcattttta	ggatgacagc	ataatggaga	540
aaattggaag	tagcatatgc	caaagtatga	agtgttcaca	cagctccctt	gggttggtga	600
tttatgggaa	gcttttttct	cctttatact	tttatctact	ttctaaatct	gtcaatatgc	660
ttngtcttc	tatgaacaag	aaagaaaagt	ttaaaaaaa	annnnnnnnn	nnnnnnnnnn	720
naaaaaaact	ngagccttta	aactntnggg	gncgnttacc	taaateccann		770

<210> 3739
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 3739

ggnnnnnnnnn	nnttngggca	nanggaaacc	cntangcaan	cnactganag	aacccttggg	60
aaggacccca	ncgaancgaa	ngcggcacga	gacanacagn	nnannantta	cacaccgggg	120
ntggngngang	aataangagg	annnaangag	cccctnccg	aggnggccn	aagncngcag	180
aagacaaaga	ncnggnnc	aggccangaa	aggactgaag	naaananngn	aaanaagnac	240
agcngaccct	ngaacaacan	ggagggnagg	ggnncagnng	aaaancngca	tgnaagngga	300
ccngngcagn	ccaaaccnga	gngnaacngc	ngaatnaaag	gggcnnccnn	cngcncanag	360
anagnaccca	natnnacaaa	catgctagag	aaaagcaacn	ggggnaaaac	nngccccac	420
tagagaaaang	gacaggaggg	annaagncac	nnggaaagan	aganagcaga	actaagcngg	480
gnaaaagccc	angaaagggn	gganacnana	aagnagccaa	aacnacncna	gcaaagcann	540
nnaaagcgaga	aaacnggggc	aanagnaacn	aacncngggg	gccaccnaaa	aannncanaa	600
cagggnaaga	ancacannnn	nnacancang	caaaccancc	nnacagaggg	agcnnaccnn	660
gggaagagcn	nnnaaanggn	acaggncann	nnagaagagn	aanaccnnca	ggcaaaaangg	720
gaccaagggg	acanagaaan	acaaannngg	nnnnncacac	acngaaaaaa	anngaagcaa	780
aac						783

<210> 3740
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 3740
 ttatanatac agctcttggt ctttttgcag gatcccatcg attcgtttta acagtgtgcc 60
 tttggggagg gacccatgtc catggcttcg ttgagggccca tccatatgcc agctgggggc 120
 cagcccacag tggccatatt ggctgcagca ggaatggtgc ccacctcggc gaattgaagg 180
 gctaagagtc ccagatagct aggccagagc tggaaagcaga cagtaagggg aagagctgct 240
 cccacaggag agggagagat tccagctcac tgcgcagcct gggaggaggc gtggatcctg 300
 gcacgctgag cctcaggcac cagcctccct gtgctcgaca gcaaagtctt gactccttcc 360
 tgctgagcac tgtgctacct tctactgctcc aaagccagac taacagctct ccaagccctt 420
 ggggtgactc ggcttccagg agctgttggg gaaatgagga tgtctgtccc tgtctgctg 480
 ggcaggccag attcctcccc agcagccggg tctctccaga ccctgattcg gtgcctttct 540
 gtttaccagc tacttcaatc ccaaagtttg aatctgcaga taccttactc ccagccactt 600
 tgccttctta ctgtgttggtg tgtttttcct ggtgcttcaa gancgtgtgc anggcaaaagt 660
 gcccgtcact gggaactgca ccagatgctc agacttggtt gncttatggt taccaataaaa 720
 taaaagtaga ctttttctaa aaaaaaaaaa aaaaaa 756

<210> 3741
 <211> 741
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 3741
 tnaatataca gctcttggtc tttttgcagg atccctcgat tcgaattcgg caccagactc 60
 tctctacaac tgacagagta aatagacaaa aaatgtatgg gggatatgga atattttatc 120
 aacacaagta aaaagcttga tctaacaggt ggggtgggccca ttctancnac cannngaccn 180
 gnatntaaan cnatnangn tncatccana ttcattgttg cntntnnnt antgatntct 240
 gtntnanttn tcanntntac antnnanenn tnntnnnacn naacagncac tannaggtcn 300
 annnagctnn aattnannnc tntnannecn tnnctcnnt nattntnnnt nntntnncn 360
 anactnttnc antatnatan ngnatcntnt actnttntn nnnnantanc nnnnnanngn 420
 nttntntnta ctanngncc tanttnannn atcnnntnt ntacatctnt nctactnatn 480
 atnnncannt natatatnt nntnnnatna aaggantnt ntncnnantn cntnnnnana 540
 natnctnatn nncctannn nntnannttn nnnnaanana tnnnancnt tannnnnnnn 600
 nnnnannttt annnnnnnnt nntntntnn ntntntnnnn nnnnnnaaan nggnanannn 660
 nnttnnnnca attntnnnn annnnnnnnn ttannnnnnn antannnnat nntnnnnnna 720
 ntnannaant ttnannttna n 741

<210> 3742
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 3742

atacagctct	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	aggaccacct	60
acggaaaact	gaggcccaca	taagctcgat	tggttgtacc	tccaacagat	at ttattaag	120
cacctactaa	atactgagcc	cattgcaagc	accagggaag	cctctgtgaa	cagcacaagg	180
tccctgctct	ggagattctg	cttcagtggg	ggagacagaa	aataaacagt	ttcccgtcac	240
caattttcct	tgggaattgga	cagatggcag	ccaccataat	gatactatat	gtgtccaagc	300
taaacaaaat	cattcacttc	cctgattttg	ataagaaaat	tctgttaaag	ctgtttcctc	360
tgcctctcct	ctacgttgga	aaccacataa	gtggattatc	aagcacaagt	aaattaagcc	420
taccgatgtt	caccgtgctc	aggaaattca	ccattccact	taccttactt	ctggaaaacca	480
tcatacttgg	gaagcagtat	tcaactcaaca	tcactcctcag	tgncctttgcc	attattctctg	540
gggctttcat	agcagctggg	tctgaccttg	cttttaactt	agaangctat	at tttttggat	600
tcctgaatga	tatcttcaca	gcagcaaagt	gagttttatac	caaacagaaa	atggcccccaa	660
ggactagggg	aatacgggta	cttttctaca	atgnctgctt	catgaatatc	caactcttat	720
tantagnct	tcactggaga	actgc				745

<210> 3743

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3743

tnagatcagc	tcttgttctt	tttgcaggat	ccctcgattc	ggtacaactc	ttaaagcttt	60
ctacatttta	catatacagt	catctctcag	catcccgagg	aagattgggt	ccaggatggg	120
ctcaagggtc	tgatataaaa	ttgcgtagta	tttgtatata	acctatgtac	atcttctcgt	180
attctttaat	ctctagatta	cttataatac	ctgatactat	gtagatgcta	tgtaaataat	240
tgttatactg	tattattttc	aaattgtttt	attgctattt	ttattgcttt	tccttgaat	300
at ttttaatc	cacagtaggc	ggatgcagaa	cctctttata	cggaggggtc	actgtgtagg	360
agtgtagctg	tttcagttaa	agcagcgggt	gttggtactc	atctctcacc	tgcccccacg	420
tagtgtagct	agggcatcag	ggagtactga	tctctggcat	catctgggat	caacaggatt	480
ttcctgcctc	acaggcctgt	gagcacatta	gaaatacacc	tgctcagctc	aagtcaaagt	540
gagaagcttt	tgaatggagt	gataaccgag	taggcagtat	ctaaataaag	atgattgggt	600
caagtctcag	tggacaaatg	tgtaccgttc	tattactgnt	gactgtgact	ttgaagtata	660
tggngttcat	taagcaaatc	caatctgatc	gtatgaaaag	agcaccccaa	aaacccaaat	720
gaaaccattt	atcaggactt	ttgnagctat	gaaa			754

<210> 3744

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3744

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tctggcagtg	attcctgaag	ggaaaatcat	gaacaacacc	tactaccagg	aatgcctctt	120
ctacctgcac	aactatagca	ccaacctggc	catcatcagc	ttctacgtga	ggcacagctg	180
cctgcgggaa	gctcttctgc	accttctcaa	caaggtggga	catggacaca	gctcaaaaag	240
gcagtgcctg	ccttactcct	ctggcttgga	ccactcagcc	ttaagcggga	caataacccc	300
ctgacactta	accctgtgtt	gagctatggg	gccatctcta	gcagagtcaa	gtcaaaaacag	360

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gggactctgc acaactgtta ttcagtgagt gtgaaaagtc ttagcctaga tcccaaatca 420
ctgccctcac cagcaaaggc atgtttcatt ccttctgcc aacatgcag cagaatcgga 480
tagtggttaa gagcatgtct ctggaatgag atgctcagtg tgagtcttgt gtggccttgg 540
gcatattgct tagagtctgc ttccacgcgc ctcctacct ggcctgggat ggtgtccagc 600
ttctgaccca nctgctggtc cattcagagt tgttactaca agggccagga agtaaccatg 660
gtgcaaatcc tatagttgaa ccccaaatag atgatgaaag aagaaaaann nnnaaaaaaa 720
aactcgagcc tntaaaacta tagtgagtcg tt 752

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<210> 3745
<211> 770
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(770)
<223> n = A,T,C or G

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<400> 3745
gnnnnnnnnn ttngnnntnt gaagccttta ntganttccc ttttttgcag gatcccatcg 60
attcgagca tccacatgac aggcggcgcc gaagggatcc tgcccctgac tttcatnagc 120
tgttgaacca tctggaattc acaggcctgt catgagagac acgatgagaa gtccttaaag 180
gtagatcact gattcacagg ggagcaggcg gaggcaaggg tgagtcaagt cttggaactc 240
agtcattccag atttggtctt ggaaacttct gaagctgtag cctttgggga tccctgactg 300
cgagtacagg aagccaacgc tatgtggtct tctggaaact cattatcttt ttcactggtg 360
ctatctggga aaaacagatg aaaacctgaa ggtgttctgt atgtgtgctt tcaaaagcaa 420
ggatctggcc ggacgcagtg gctcaggcct gtaatcccag cactttggga ggccgaggca 480
ggaggatcac ctgaggtcag gagtttgaga ccagcttggc caacatggcg aaaccatctc 540
tactaaaagt caaaaattat ctgggtgttg tgggtgggcac ctgtaatcac agctactcaa 600
gtagctgagg cagaagaatc agttgaacct aggaggcana ggttgcantg agcagagatc 660
acaccactgn acttcaacct gggtgacaag aatgaaactc cgtctcaaaa aaaaaaaaaa 720
aaaaactcga cctttaaaact atagtgagtc gtattacgta natccagann 770

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<210> 3746
<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(776)
<223> n = A,T,C or G

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<400> 3746
gnnnnttnnn nnnnnnnntt ttcnaatagn nagctacttg ttctttttgc agggatccca 60
tcgattcgaa ttcggcacga ggctatgtgt tctgactttg ttgattcaaa taagtaagct 120
aaatcaattt aagccattaa taggtttata aagttatttg ctatgtgttg ttcttacatc 180
attgattcat gtaagtagac ttgtgtgaca gctaattctt aaaaaattat gaagatgtta 240
gacttctttt gatatatata tgttgattgt atgaacagat tgacatcaat atacttattc 300
attataaaag atttgagtgg gaactcacca aatcccacac caaaaaaatt taaaatttta 360
ccatagtaaa aaaaactaaa aagcaagatg aaattataca tagttcttgg tgtagtattt 420
ttaattttta ttattttatt ttatagaaat ggggtctcac cattttgccg ggctgttctc 480
aaactcctgg cctcagggtg tccgcctgcc tcgacctccc aaagagccag gattatagga 540
atgagctacc atgccccggt agtgtagtat ttttaaattt tacttaatgc tgagccattt 600
tcaaataacc tcatcacatt gattatgacc tcatgcaaga accatctggt ctatctttca 660
gtgtagtgtg ctttaatatc ttagaactat tgcattctgn ccttttttgg gaatgggtta 720

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<211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3749

gnnnttnnnn	nngnnnnnttt	aaaatacagc	tcttggttctt	tttgccaggat	cccatcgatt	60
cgctgtagtc	ctattttgcc	atatgacatg	attgaaatca	acacctctta	gaaatagttt	120
tgctgcctca	taattgatta	ccatcatgat	aacctgtagt	cagtgtgaaa	tagagataaa	180
aattaatgta	cttagttaa	tgcatatgaa	ggctctaact	tggtccagag	ttactcttac	240
tggattattt	ttagattttt	attaacatta	ctggctctcta	actttactca	gtctggataa	300
gaaaaagaat	accatgcaat	tgttaactat	ttgatgttta	ctagattaac	tattaatata	360
ttgttgtggt	ccatatttaa	gagttacttt	gttactagag	atttcattat	agtgggtgtt	420
aatatagttt	tgggtatttt	taactaaaaa	tcattgttat	ccttcaactg	tagattctac	480
tatgaaatga	ggaaaaatca	gcaatagaat	taattgggtt	caaagtatat	aaataatgat	540
gtgggaaagg	gaagtcagag	ggtatctctg	gaagaactga	tttatctgaa	ggtaataactg	600
agtgaagaa	cctaagattg	tagacaaagc	atgctttatg	caattttgct	ggtcatagta	660
gtagtagagg	ctctataaat	gtgttgggtg	tttttgggtt	taaagagaca	gtgtctcgct	720
atattgcccc	aggagtttaa	agctgcagtg	ccctgtgggt	gcacctgtga	a	771

<210> 3750
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3750

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gcacgagggtg	aattcctcag	caccaagttg	tttaacacag	aagagagggtg	gaaacaaaaa	120
atgcttggtt	tttactggct	ttcttttagc	atttctgtct	agtcgaaatg	ggggccaggc	180
ttgcacacat	agacaactga	attaatgtaa	ccggacctat	tccatctagg	ctgacctctt	240
gaaagatagg	aggggaagtc	taaaacagga	gaaaagtttt	agaaatcctt	tggattagge	300
ttaccagat	tagtggtagt	taaaatatta	tgatattctt	agtgtttcag	gattatggat	360
tttagtaaaa	gcagaaaaaa	ataaattctt	gtttaactga	atctataatg	gcaccagtgg	420
tttggaacaa	tttctgagtt	acttgatttt	atgtgaaaaa	atctggaata	acttttcctt	480
ttttccttta	gaccattttt	cttttattta	acctaataccg	agccacttta	taccaatttc	540
aacaatatatt	ctgaattcct	gtgatctttt	atttcctttt	tgctgctttc	agctgtgttt	600
ctctccactc	taagctcatt	aaagttaaaa	aaaaaatagg	agattggacc	catttttttt	660
tctgaggagt	gtggccggtt	aacaccctgt	ggtggctcag	gatattttta	gtagtatttt	720
cagctttcta	gaantgggtg	ncttanttag	naaatagtta	tnggaa		766

<210> 3751
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3751

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aggctncttg nnnnctantg aagcctttgc tactagctna gctcttggtc tttttgcagg      60
naccatcgga ttcgaattcg gcacgaggca tagttggaag ttaagggtga aaagagagat      120
aggggaaaaac aggtggaata atattgaaaa ttggatcaag aatatagggtg taggcgttag      180
ccatttttatt ctggggagaag ggaggaaatg aaatanaaac aggaatagat agacgttttg      240
aggcgaaagg aatgaatcca gcatgctctg tttagtgatg tagatgagat cacctgggaa      300
ggcatgaatg ggcggggcaga gtggggtagt gacttcagaa gagtaataag ggttgaaaag      360
cactgctggg tgagggggaa ggaatgtcca taacctgact ccagcttcct ttagaataat      420
taacacacgt tacactcctt atttaaacag agatcccaag atcagataaa tccataatta      480
cttatttgtt gtacccacaa aatactatag gggctctgctt actttctctt gaaagcatcc      540
ccttggtaat tattctttta tgtttctcta attgcatgct ngagaaagca tctgttagat      600
gcaactagtc ttttagaccct gaacacctgc agatcttggt gatgcatgcc caagttcaga      660
aagctctgaa agaagttgct ttaaaganga taggcatggg cttttcagat acngaccttg      720
aatctgtagt ggttcctang tttccaatcc taacattacc cacttggtaa g              771

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<210> 3752

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3752

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gaattcggca cgaggccaca tagcaatggg ntaactgcag gactcaggtc cacttgccca      120
gcagctggca ggggaagggc atgaggcagt agagtcctta caggccaaga aactgagcag      180
aaccatgcc tccagctcac cagctgcatt gaagccccc gctggcaggg agactgctgt      240
gaatggacag ggtgagctca tcccccttgaa gaacattgag ggagaattgt caagtgtat      300
tcacatgacc aaggatgcca ccaaggaggc tctacatgcc accatggacc tcaccaagga      360
agctgtgtcc ctgactaagg atgccttcag tttgggcaga gatcgaaatga cctccaccat      420
gcacaagatg ttgtccctgc cccagccaa agtctggtcc agaactctgt ccacaggatc      480
tctttcaa atgtctcagata atgctggtgt tcaagggagc cctcttggtga ataattatgg      540
ccaggggtgc ccagcagcca acagttcaat ttcaccagg ccctggaccg ccaaacagct      600
actcactgca ttaactggcc cacaagtaca gaccagagac aaagcaagag aagaagcaga      660
gactgtttgg cccggggccg agaagaagct tgctggcnaa ggggacgttc caacgaagag      720
accactgtcc ttcgagcagg anttaca              747

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<210> 3753

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 3753

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cagatcgtgt cctctaaaaa ttatgtgctg gaaacttaat ttctagtgtt aacagtgccg      120

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agaggtagg gctttgggaa agtttaatgg attaatgccc acatataagg gcttggttga 180
gggaatttgg gctctttgtt gccccttcca tcccttctac catgtgagga cgccacactc 240
ctcccctttg gaagatgcag caaacaagggt gccatcttgg aagcaaagac taagctctta 300
ccacacatcg aacctgttgg tgcctgatc ttggactccc agcctacaga actgtgagga 360
agttaagttt ctgttattta taaaattacc aagtntcagg tattgtgtna tagcaccata 420
aatggactaa anacaatgcc aaaggtggca cttgccatan aactgctgcc gatgatatca 480
actctttgct ttccagagtt aaagctttgg attctgatgg gggttgattct cttttgtgtn 540
ggacccttgt actggttntc attataatag ttcttttcta atntttaagc cgggcccna 600
tggctcatgc ctttaatccc agcactttgg ggaaggccaa ggccnggcn attcaccagg 660
tccaggagnt caagaccatn cnn 683

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<210> 3754

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 3754

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ggctggaagc cctacccatg tcagggaatg tctgggcctc agatttttat tttctagaat 120
gaagatactt acccccgaat tgctgagata tttgaataaa agtatatgtg aaggattttg 180
taattataga atgtcctaca aatatgagta gttcgtttgc tacttttttg gcgaagaaaa 240
atattgggat gcatgaataa tatctaccta aggtaccta gggtgtattc atcccattta 300
ttgaatgcc aagatatacc agctactgct ccagatgttg tattcaggga acagaagaag 360
agtcctgtg cccatggagc taacagcatt ctaggggagg aaagatgggt cagctgactt 420
tcacgatctc aggtactgat gaagattgtg aagattatta catcagggtga atgtaggggt 480
gatttagaga aagctggtag ctaggctgtt caaggaaggg cctctgtgag aaaggggatg 540
gttggctggg tgtggtggtt cagcctata atcccagcac tttgggaggt tgggagtttg 600
agaccacctg ccagcatgga gaaacccgt ctctactaaa aatncaaaat tagcccgga 660
tggtggcaca tgctgtaat ncanctacc tgggaggctn angccgggag aattgcttga 720
acccgggag gcaaagggtt taattgagcc ct 752

```

<210> 3755

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 3755

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naatancagc tcttgttctt tntgcaggat ccctctnttc gaattcggca cgagtatcac 60
agtttgtaaa cgggtgtttt tgctcctgtt attgaagtat acaactctgc ttagccaaac 120
ataccaagca acagacagaa gcgtcacttg gagagaagaa gaaaggggta actggcagag 180
ctactgtaaa agaaggatag aggagggtaa gtttgaaagt ggccatgggc aagaattttc 240
tccagatagc tcttgattat aatctctctc acctggatta tttcccatct cctgacagtt 300
tgttctcaca taactatcag cagtcctctc aacacagaat cagaccatgt ctctcctctg 360
ctccaaccct ctgaggctct ccctctccct ctggataaca ccctgcatga cctggccctc 420
ctatccact gctcctcacc gcgtcattc caactctcct gttctccttg ctatttttca 480
tatgggccaa gcaagcacgt gcctcacaac ttgtgctctt ggcgtctgtc tgctgaaac 540

```


tttcttgcct	caggtagtct	catggtttat	gccctctcct	ctttcaagac	ttggttcaag	600
tgtcaccatc	tctgtgaggc	cttctcagat	cacctagtc	tgacacatac	tagccttctt	660
tcctactttc	tncactgnac	tcatcatctg	ctaattgngct	actggttgca	tattgcattt	720
aatgntctgc	ccgttggtca	tgctggtttg	gggngggggg			760

<210> 3756

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 3756

ttncnaanat	cagctcttgt	tctttntgcg	gatecccttn	tncganttcg	gcacgagggg	60
atgtcagggc	tctgagccca	agccaagcca	tcgcatcccc	tgtgacttgc	atgtatacgc	120
tcagatgggc	ctgaagtaac	tgaagaatca	caaaagaagt	gaaaaggccc	tgccccgctt	180
aactgatgac	attccaccat	tgtgatttgt	tcctgcccc	ccttaactga	gtgattaacc	240
ctgtgaattt	ccttctcctg	gctcagaagc	tcctccactg	agcaccttgt	gacccccgcc	300
ctgcccacca	gagaacaacc	ccctttgact	aattttccat	taccttccca	aatcctataa	360
gatggcccca	cccttatctc	ccttcgctga	ctctcttttc	ggactcagcc	cacctgcacc	420
caggtgaaat	aaatagcttt	attgctcaca	caaaaaaaaa	aaaaaaaaaa	aggataacaa	480
cctgcttgcc	aagtttgaac	tcacaggcat	acctcctgca	ccccgagggtg	ttcctcagat	540
tgaagtcaact	tttgacattg	atgccaatgg	tatcctcaat	gnctctgctg	tggacaagag	600
tacgggaaaa	gagaacaaga	ttctatcact	aatgacaagg	gccgttgaca	aggagaagac	660
tgaacgtatg	gccangaagc	tgagaagtcc	aaagctgaag	atgagaagcn	nanggacaag	720
ngtatncaag	aattacttgg	tctatgcttc	aaaaga			756

<210> 3757

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 3757

tnnannatca	gctcttggtc	tttttgcgga	tcctcttatt	cgctcagaac	cactctgtcg	60
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tttttttttt	gcaaagtatg	tagtaggaga	tccaagggtg	ttggttaatg	atttattcac	180
tcattagtca	ttccacaaac	ttgtcttgag	cacctgttat	gtacctcagca	ctgtgctgga	240
atgctgagga	gacaggagtg	aagtaaaaag	acatggttcc	ggcaggaaac	aggcaaggag	300
agccttgact	tgacggagtc	tggtatatatc	gccaggctgg	aatgcaatgg	cgcgatctct	360
cctcactgca	acctccgctt	cccggttcca	agcgattctc	ctgcctcagc	acctcgagta	420
gctgggacta	caggcgcgcg	ccaccacgcc	cagatgagaa	aactgaggca	cagagaggtg	480
aaataagtga	gatgctacct	acctatgcag	agctggaaaa	gattttgcaa	cctgaaaacc	540
caatcctttc	tgagatataa	aagaacagaa	gagctcggaa	gtgatttctt	cggagaaatt	600
cattttctta	ttccagagaa	gaaacttcaa	gtcagaata	ttggctacta	cctgngataa	660
acatttaaat	tattgggaac	cagagagttt	ttatactaaa	ttgnaaagaa	caattttttt	720
atcaaagacc	aancccgaaa	ttcttgaccc	tcctgggatt	tca		763

<210> 3758

<211> 806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(806)
 <223> n = A,T,C or G

<400> 3758

ttgaagccct	gctctngttc	ttttgcagga	tcccttttnc	gcttcggcac	gaggtgtagg	60
cccncatcgt	ccctcattac	tggggtttca	tattttgctg	nttttgatgg	acatggaang	120
aatncnagcc	tcaaaaannng	ctgaacannn	ttggcatcaa	aatttnntca	gaaaatttcc	180
taaaggagat	nnaatcaagg	gccnnaanac	cgcnaanaga	tgctcttgn	acactaanca	240
agcatctnnt	gangagnnnc	ttaaacangc	ttccagncag	aancctgcct	ggaaagatgg	300
gtccactgcc	acntntgttc	tggntgtgga	cnccattnnt	tatattgcca	acctcnnnna	360
tagncgggca	aacttgtgtc	gttataatga	gganagtcag	aaacatgcag	ccttaagcct	420
cagcaaagag	cataatccaa	ctcagtatga	ngagcgnat	gaggatacat	taaggctgga	480
ngaaacgnta	gggatgggcg	tgttgncggg	cngtgctata	gggttnactc	tgcatagnng	540
acgtcagacc	agnactttcg	atttaccctn	tgatnngccg	acatnagant	tctgcccngc	600
tgacacccaa	ttgacangnt	tnntttncat	tnncnttgta	tatanggcnc	ttaaanggat	660
ttcctctcn	ngatnatanc	ctattnnccc	tnatacntng	gtntatncta	ntnnntnntg	720
cntnanttnt	cncttganc	ancntntaaa	cnttnggnaa	ntctttttan	ctctctngta	780
ngtcttattc	tcntantatt	nccncc				806

<210> 3759
 <211> 802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(802)
 <223> n = A,T,C or G

<400> 3759

ttcaaatccc	nagcttctaa	gttctnttgc	aggatcccat	nnattcgaat	tccggcacgag	60
gcttcgtgtg	ctactgcgaa	ggggaggaaa	gcgggtgagg	ggaccgcggc	ggcttcaacc	120
tctacgtgac	cgacgccgcg	gagctttgga	gcacctgctt	cacgccggac	agcctgncgg	180
ncctcgtggg	taactgggcg	ggtctgggag	ccgtcacacc	cctccttgca	ntgcagatcg	240
tctatggggc	gacagacatc	tgggattccc	cagaaggctc	tgacaccctc	tgcccgccct	300
gtagctgnag	tcctcccat	ggctagggct	cttggggctg	ggcaggtttn	gggtgcccc	360
agtgggcctc	gggttnccag	cagctcgtga	caagcccctg	ngctctctag	aaagcccgtt	420
ntggcctgag	tgcnngntgag	gacatnacc	cccgggttcag	gtgagaccca	acagggagga	480
aggacngatg	ggnagganga	ngggctctgc	acagctctcc	cgtacctttt	ctatnccagg	540
gcagcctgtg	agcagcaagc	ctgtggctct	gacttctgca	cgaangacan	aagcnattcc	600
ttgacgcttt	tcaagggggg	ccctaancac	ttggcctttg	gacctcttca	angntaccag	660
gccccaatag	gcnagcccc	aangctgang	ggccgcttta	cactggggcc	tnggcaaaaa	720
cncgtnttgg	aaccttgtaa	cnggnnaact	ggnaagcttc	acnaanaaga	caatttntta	780
nnnccnnggg	aaaaagcccc	cc				802

<210> 3760
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3760
 gnnnttttntan ntancagttt gaaacccttg gcggaccctc gattcgaatt cggcacgagg 60
 tgtttcttctt acctcccttg cacaacattg tttatatgct tnctaaaatg taacttcttt 120
 agattctgtt gttacgtgca acactgtata tctctccata gcacttaatc agagtttgta 180
 attaggcatc tttttgtgtg attatttggt aaatgtccat atccccctact agcctataag 240
 ctccatgact tctaggtacc ctgtctgact acgtgtatca ctgtttctac cgcctaacat 300
 tgcctagcac attcattgct tcacaggcat ctgaatatgg ttttataaaa tacattgctc 360
 tagtgcacag gattttaagc taaggatttc atgaatggga tttggggtag gggcatctat 420
 gaaattcctg aaattgtgta gaattttgag aatatgtgtt ttcttgggga tagagtatgt 480
 agtttctcag caactcatta cagtctgtca catcatgcc taattctact tgcctgtagc 540
 taaacaccta ataacattag aactgaaatg atagtgatat gcaagatagc acgtgtgggt 600
 tccacatatt ctaagaggca tcttcaatta gattccaaaa aaaaaaann nnnnaannnn 660
 naaaaaaact cgagcctnta aaactatagn gagtccgatt cgtagatccn gacatgataa 720
 gaancattga tgaagtttgg acaaacnca acttggaatg cntggaaaa aa 772

<210> 3761
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 3761
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 tacatcagac aggaccacat ctaggacctc ctctcctcc tctccgact cctccaccaa 180
 cctgcatagc ccaaatccaa gtgatgatgg agcagatagc cccttggcac agtcggatga 240
 agaggaggaa aggggtgatg gaggggcaga gcctggagcc tgcagctagc agtgggcccc 300
 tgcctacaga ctgaccacgc tggctattct ccacatgaga ccacaggccc agccagagcc 360
 tgtcgggaga agaccagact ctttacttgc agtaggcacc agaggtggga aggatggtgg 420
 gattgtgtac ctttctaaga attaaccctc tcctgcttta ctgctaattt tttcctgctg 480
 caaccctccc accagttttt ggcttactcc tgagatatga tttgcaaagc aggagagaga 540
 agatgaggtt ggacaagatg ccactgcttt tcttagcact cttccttccc taaaccatcc 600
 cgtagtcttc taatacagtc tctcagacaa agtgtctcta gatggatgtg aactncttaa 660
 ctcatcaagt aaggnggtac ttcaagccat gctggcctnc ttacatcctt tttnggaaca 720
 gagcacngna taaataatta acttaataat aatatgccca aaaaaaaaaa a 771

<210> 3762
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3762

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aaagactccc	tttgtatgtc	ctgaatgtgg	gcaaccctgt	tcacagaagt	caggactcat	180
tagacatcag	aaaattcact	caggagagaa	accctataaa	tgcagtgact	gtgggaaagc	240
cttccttaca	aagacaatgc	tcattgtaca	tcacagaact	cacacgggag	agagacccta	300
tggctgtgat	gagtgtgaga	aagcttactt	ctatatgtct	tgccttggtta	aacataagag	360
aatacactca	agggagaaac	gggggggattc	agtgaagggtg	gaaaatcctt	ccacagcaag	420
tcacagctta	agtcctagt	aacatgtgca	ggggaaaagc	cctgttaata	tggttaactgt	480
ggcaatggtg	gcagggcagt	gtgagtttgc	ccacatcctg	cattcatgat	aaacagtttg	540
ctgtttgatc	atatagcctc	caacggaatg	ctgagtttgt	catgtcccat	gggccctttg	600
gtccctgca	ctaataatgta	tagtanggg	ttacaagata	tgaaaatata	ttttactttt	660
tttatatctt	ataaacctca	ctacccttcc	cacaatatgt	gttttcattt	actatcttga	720
catagagttt	ggcttgggga	agggggcagt	tttaaangct	tccc		764

<210> 3763

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3763

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ctgtggcaag	gccttcagcc	agaagtcttg	ccttgtagca	catcagagat	atcatacagg	120
aaagactccc	tttgtatgtc	ctgaatgtgg	gcaaccctgt	tcacagaagt	caggactcat	180
tagacatcag	aaaattcact	caggagagaa	accctataaa	tgcagtgact	gtgggaaagc	240
cttccttaca	aagacaatgc	tcattgtaca	tcacagaact	cacacgggag	agagacccta	300
tggctgtgat	gagtgtgaga	aagcttactt	ctatatgtct	tgccttggtta	aacataagag	360
aatacactca	agggagaaac	gggggggattc	agtgaagggtg	gaaaatcctt	ccacagcaag	420
tcacagctta	agtcctagt	aacatgtgca	ggggaaaagc	cctgttaata	tggttaactgt	480
ggcaatggtg	gcagggcagt	gtgagtttgc	ccacatcctg	cattcatgat	aaacagtttg	540
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gtccctgca	ctaataatgta	tagtanggg	ttacaagata	tgaaaatata	ttttactttt	660
tttatatctt	ataaacctca	ctacccttcc	cacaatatgt	gttttcattt	actatcttga	720
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<210> 3764

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 3764

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tggagctctt	ctccaacatc	tggggagctg	ggaccaagac	tgcccagatg	tggtaccaac	180
agggcttccg	aagtctggaa	gacatccgca	gccaggcctc	cctgacaacc	cagcaggcca	240
tggcctgaa	gcattacagt	gacttcctgg	aacgtatgcc	cagggaggag	gctacagaga	300
ttgagcagac	agtccagaaa	gcagcccagg	cctttaactc	cgggctgctg	tgtgtggcat	360

gtgggttcata	ccgacgggga	aaggcgacct	gtgggtgatgt	cgacgtgctc	atcactcacc	420
cagatggctg	gtccccaccg	ggtatcttca	gccgcctcct	tgacagtctt	cggcaggaag	480
ggttcctcac	aagatgactt	tggtgagccc	anaggagaat	ggtcagcaac	agaagtcttg	540
gggggtgtgcc	cggcttccaa	ggccatggcg	gcggaaccgg	gcgcctggac	atcatcgttg	600
tgccctataa	gcgagttttc	ctgtgccttg	ctctaactta	cccggctttt	gacacttcaa	660
ccgcttccat	gcnaaccctt	tgcccaaaaa	ccaaagggcc	ttgaagtttt	ntcatgaaca	720
ntgcccttca	accacttgnt	gtgggtcccc	ggaacaaccc	atgggatnna	aaggngngng	780
ccttgnccca	aattgcttnn	cc				802

<210> 3765

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 3765

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ggcgttgagt	gacactgatt	ctcgcgtgtc	tccggcctct	ccggcagggg	gtcctancgc	180
agactttgcg	gntcatggag	agtctctggg	agacaggcac	ctgcggacgc	tgagataaag	240
ttacgacgca	ctgaaagatg	aaaattctaa	gctgagaaga	aagctgaatg	aggttcagag	300
cttctctgaa	gctcaaacag	aaatggtgag	gacgcttgag	cgggaagttat	aagcaaaaat	360
gatcaaggag	gaaagcgact	accacgacct	ggagtcgggtg	gttcagcagg	tggagcagaa	420
cctggagctg	atgaccaaac	gggctgtaaa	ggcagaaaac	cacgtcgtga	aactaaaaca	480
ggaaatcagt	ttgctccagg	cgcaggctctg	caacttncag	cgagagaatg	aagccctgcg	540
gtgcggacag	ggcgccagcc	tgacccgtgg	tgaacagaac	nccgacgtgg	ccctgcagaa	600
cctccgggtg	gtcatgaaca	gtgcacagct	ttcatcaagc	actgggttcc	ggagctgaga	660
cctgaatctt	gttgccaaat	ccttaaattct	attgacngaa	tttctgaagt	taaagaccan	720
gaggaagact	nttgaggccc	tggn				744

<210> 3766

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 3766

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cttaccgtga	tgacgcattt	gctgagtggg	ctgaaatggc	ccatgaaaga	gtaccacgga	120
aactcaaagt	caccttcaca	tctcccaaga	ctccagagca	tgagggccgt	tactatgaat	180
gtgatgtcct	tcctttcatg	gaaattgggt	ctgtggccca	taagttttac	cttttaaaca	240
tccggtgccc	tgtgaatgag	agaagaaaaa	tcaatgtggg	aattgggggag	ataaaggata	300
tccggttggt	ggggatccac	caaaatggag	gcttcaccaa	ggtgtgggtt	gccatgaaga	360
ccttccttac	gccagcatc	ttcatcatta	tggtgtggta	ttggaggagg	atcaccatga	420
tgtcccagacc	cccagtgtct	ctggaaaaag	tcatctttgc	ccttgggatt	tccatgacct	480
ttatcaatat	cccagtggaa	tggttttcca	tccgggttga	ctggacctgg	atgctgctgn	540
ttggtgacat	ncgacagggc	atcttctatg	ccatgcttct	ggccttcttg	atcatcttct	600
gtggcgagca	catgatggat	cagcacgaac	cggnaccaca	tngcanggta	ttggaagcca	660

agtcggccca ntgccgtngn tcttctgnct ttcataatttg acatgtgtta aaaaangggg 720
ccaacttacg aatncctttt acagtt 746

<210> 3767
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (749)
<223> n = A,T,C or G

<400> 3767
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atgaaagacc ccaatgggga gaataatttta aatgtcttgc agggagtgga agaaagcttt 180
gcttaaaaat gtcacccatat gctaactata tacagcactt caagtttatt tattgttaaa 240
gcctcatgta aatcacgtca ttctgaaaaat catggaaact gcacatttgt gcatataaact 300
atgtaaacaa caaaaactgg tcatccgtcc aattgttgc tcaactattt tgaattatag 360
tgcaattttg tggagggtga aatggggatt acacaatata gcgatttcct gttaacacct 420
acatttttgc tgatcaagca aggtctgttg gtgcgagagc ttaaccttta ttttatttcc 480
aaatgtgttt tttattccga gtcccgttgg tgtctatggt ttcacttttc tccatgagcc 540
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gcaggcgaaa ctgggataag cccagaatc ttttgaacct atcagtaata ttactaacag 660
gggagaaagt ataaaagtga gcccttcaag tgctctagtg tacatgtcag aattnaagca 720
cgagttncac gggatggctc acccccttc 749

<210> 3768
<211> 759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (759)
<223> n = A,T,C or G

<400> 3768
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aaaataaata atccagtccc cccaagaaa ggggaatgaag tgctataatg agaaaaatcc 180
tagtacctaa catatagtag acagtggaga gtggttctct ttcgttnctc aggggcagac 240
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cgtggtcaca gacatattgt ccattaccat ttaccttccc tataaccact gtgcctccag 360
ccttgtagaa tagacacata ggagcgcagc aatacgtcta aaaataggag tgagagaggg 420
cagggcatgc ccgttcttgn ggtagaagaa aagaatgtca aagaaagcag ctgggactaa 480
tgaactttac attagccata ttccattatt tcagcttaag tcaaagtgcg gtcctcatga 540
ggcaactggc tttgacagga gctacgctaa ttaccactta ccaaccttta atttctgggt 600
aaaagcaaaa gacaaaaact aatggatttn tcatttttnc cagngacaag aattaaataa 660
tagtangtct gtcnaaaaaa aacaaaattn aaactcgagc ctntagaact ttngngagtc 720
gtattacntt agatncagac ntgatacgat accatggan 759

<210> 3769
<211> 754
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 3769

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cngatcgaac	gatntcacag	atnatccata	gtgatactca	gctaacggnt	ggctctgccaa	180
gacttgaacc	caccattctt	gttactnnct	tgatnncttt	aanactgggt	atnnnnngcc	240
agtntgmnat	ggngcnnaaa	atangatgtg	ngnttttttg	angtannann	tgctacaggc	300
ntnnactnta	tnatctnagc	natagcnagt	ncaagtngga	ctgattnagn	atacacnnng	360
nngtgttant	ngctaaaata	ttgaaanaac	tttnattctg	gntggagcnc	gtnnngtntc	420
ccaaatatga	acaaccaana	tctgaaatgc	tncaaagctg	gaaactttta	gagtgtntnt	480
gantgccngc	caacatgaca	tgcaaganaa	acatttnattt	ggagcatttn	ggattgtgna	540
tattnagatt	ngggatgctc	antagnatt	aatgcanata	ttncaaaanc	cncgccttcn	600
gacccagcng	aaanaaaaaac	caaaaanccca	naataacttgn	gntcnccaag	cattcatgaa	660
aaaaatgatn	cttaacctng	naaatagctt	tgncccaacc	cncnnaagtt	tctttntcta	720
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<210> 3770

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 3770

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gaagatactt	accccccaat	tgctgagata	tttgaataaa	agtatatgtg	aaggattttg	180
taattataga	atgtcctaca	aatatgagta	gttcgtttgc	tacttttttg	gcgaagaaaa	240
atattgggat	gcatgaataa	tatctaccta	aggtaacctaa	ggttgatttc	atccccatta	300
ttgaatgcca	aggatatacc	agctactgct	ccagatgttg	tattcaggga	acagaagaag	360
agtccctgtg	cccatggagc	taacagcatt	ctaggggagg	aaagatgggt	cagctgactt	420
tcacgatctc	aggtactgat	gaagattgtg	aagattatta	catcaggtga	atgtaggggt	480
gatttagaga	aagctggtag	ctaggctgtt	caaggaaggg	cctctgtgag	aaaggggatg	540
gttggtggg	tgtggtgggt	cacgcctata	atcccagcac	tttgggaggt	tgggagtgtg	600
agaccacctg	ccagcatgga	gaaaccccg	ctctactaaa	aatncaaaaat	tagcccggca	660
tggtggcaca	tgctgtaat	ncangctacc	tgggaggctn	angccgggag	aattgcttga	720
accccgagg	gcaaagggtg	taattgagcc	ct			752

<210> 3771

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 3771

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aggatgggga	cagaggcctg	gagacaacct	gctggcctcc	ttccattaaa	gccattacag	180
tgtcaccaca	ggattgtaag	aattacaaat	gcgttttcca	gagtccccag	agaaaaagga	240
gtctggcagt	tagaagagta	aagtgcattct	gtcaacaaaa	gaaataccaa	agatgagact	300
acagcagcga	cttgtcacct	cttccgtgtt	gctactgcct	gagaacagag	gttttttagtt	360
tcttttaaagg	gttgtaaaca	taaaaacaaa	gaaggatata	acatgcaagg	cctaaaatgt	420
ttactttctg	gcctttttaca	caggcagttc	gccagccccc	taccctacag	tatggaaaaa	480
aggcatagaa	cagtcaaatac	acgtaggatt	tcttggtttc	tccatgcagg	ctcatcgaat	540
agcaaccatc	ctttcttagt	ttcttgaaac	aagtacctta	tttacattca	gagaattata	600
tgtggacaaa	cagctcataa	gcccgtactt	ttacatactc	acttcctgaa	ttgcatattg	660
aaaaagagag	ttcatgtaaa	gcccgtattat	tattttaatct	aaagttatgt	tcacatagga	720
agcactatgt	agagaaatag	ggtctgangg	acaaggagcc	t		761

<210> 3772

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 3772

taaagnatca	ngntcttgtt	ctttttgcag	gateccatcg	attcgctgga	ccgggtcttg	60
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aggatgggga	cagaggcctg	gagacaacct	gctggcctcc	ttccattaaa	gccattacag	180
tgtcaccaca	ggattgtaag	aattacaaat	gcgttttcca	gagtccccag	agaaaaagga	240
gtctggcagt	tagaagagta	aagtgcattct	gtcaacaaaa	gaaataccaa	agatgagact	300
acagcagcga	cttgtcacct	cttccgtgtt	gctactgcct	gagaacagag	gttttttagtt	360
tcttttaaagg	gttgtaaaca	taaaaacaaa	gaaggatata	acatgcaagg	cctaaaatgt	420
ttactttctg	gcctttttaca	caggcagttc	gccagccccc	taccctacag	tatggaaaaa	480
aggcatagaa	cagtcaaatac	acgtaggatt	tcttggtttc	tccatgcagg	ctcatcgaat	540
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tgtggacaaa	cagctcataa	gcccgtactt	ttacatactc	acttcctgaa	ttgcatattg	660
aaaaagagag	ttcatgtaaa	gcccgtattat	tattttaatct	aaagttatgt	tcacatagga	720
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<210> 3773

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (834)

<223> n = A,T,C or G

<400> 3773

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catcgattcg	aattcggcac	gagcagcctg	cggccaggct	ttttatttaa	tntnaatagt	120
ttttgtttgc	ctccgtgggt	tggtcaccgt	gtgcacgcga	ccgtgctgta	aatgtggcag	180
tcgctgtgtt	gggagagccg	gccacgccct	tggttttaga	gctgtgttga	aatccatttt	240
ggtggttggg	ttttaaccca	aactcagtgc	attttttaaa	atagttaaga	atccaagtcg	300

agaacacttg	aacacacaga	agggagaccc	cgcctagcat	agatttgag	ttacggcctg	360
gatgccagtc	gccagcccag	ctgttccccct	cgggaacatg	aggtggtggt	ggcgcagcag	420
actgcgatca	attctgcatg	gtcacagtag	agatccccgc	aactcgcttg	tccttggttc	480
accctgcatt	ccatagccat	gtgcttgctc	ctgtgctccc	acggttccca	ggggccaggc	540
tgggagccca	cagccacccc	actatgccgc	aggccgccta	cccaccttca	ggcagcctat	600
gggacgcagg	gccccatctg	tccctcgggc	gcccgtgtgg	ccagantggg	gtcccgnctg	660
ccccaacact	cgngcttcgg	nttcagaaca	cttttgggca	nggaangtct	tgggggacct	720
taaccaagca	nggaaccncc	gtgccaaagc	ccngggcaag	gccgggtccc	aaccttagga	780
accccaacaa	gccccctttn	ggggaagcca	acccccnaaa	cctttttggg	gggg	834

<210> 3774

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 3774

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gcttgacctg	tccgtgctgt	aacatgcgta	aaaaggatgc	tgttcttact	aagtgttttc	180
atgtcttctg	ctttgagtg	gtgaagacac	gctatgacac	ccgccagcgc	aaatgtccca	240
agtgtaatgc	tgttttggg	gccaatgatt	ttcatcgcat	ctacattggg	tgatctaagt	300
caaganaaga	agaggagctg	gctagtcang	aacttattca	ttaaccacca	aacctctacc	360
tnttctctcc	ttgactgtca	cctgtaggac	agtttatcag	tcaactacct	ttcctccaga	420
ctttacttcc	aggctctnct	cttcagtanc	tggatgactt	tagcagaaag	gactggtaaa	480
tacaagcctt	gggtttcaga	atgaattaga	aacaaataac	tcttactgtc	ttccctccca	540
gctttgttta	ttttgtgctt	ttagactttt	cagtgnntnc	ttttttcagn	ccactgtata	600
aacttggatt	gtccattcct	cctgaagaaa	tcaagttggg	tatttttgat	gtggaaaagg	660
gaacaanaag	tggaaacatg	gctacttttt	ggggagtgga	tnttttaaaa	aaatnagggt	720
ggctatgggc	accaaanttt	tctacatttg	ngtnncaaac	ttcttgtgaa	atgtgggatt	780
ncaaant						787

<210> 3775

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3775

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cacttgagcc	caagaatttg	agaccagcct	gggtaactta	gtgagaccct	gtttctaaaa	180
ataaatagac	agatgataga	tagtcagata	gagagagaga	gagagatgat	atagatatag	240
atagatagat	agaatgttct	ctaccccaag	ggtggagaaa	gacttgagca	aagacacaga	300
ggccacatgg	attaaaagga	ggaggagaag	ccctgtgttt	gcagggatga	atggcctatg	360
ctctggggag	gtgggctgtg	ccctcagcag	catccacatc	taatgcagga	caacaccatc	420
gacttcctgg	agtacgtggc	agctctgaat	ctcgtgctga	ggggcaccct	ggagcacaag	480
ctgaagtgga	cattcaagat	ctatgataag	gatggcaatg	gctgcacgca	cccgcctgga	540

gctctcaaca	ttgtggaggg	aatttaccag	ctgaagaaag	cctgccgcga	gagctacaaa	600
ctgagcaagg	ccagctgctc	acacccgagg	aggctctgga	caggatcttn	ctcctgggtg	660
atgagaatgg	agatggccac	tgctnttgac	naattggtga	agngccctc	gggccaagt	720
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<210> 3776

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (730)

<223> n = A,T,C or G

<400> 3776

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cagctagaag	agaggggtgca	gcaccccaag	gnnaggactg	ggggagtggtg	tggtccagga	120
agggctctgg	catgtaaagc	tgacacagaag	tcaaatacaga	taaagcctga	gagggatcca	180
tgggatttct	tggcaaaagg	attgttggtg	ataccaggaa	gagcagcttc	agtggctcat	240
ggggagagaa	gccagattac	aggagatcag	caactgagag	agtgagtgga	gagcatcttt	300
taagaatgtc	ttgagtgcgg	gccggctgcg	gtggctcacg	cctgtaatct	cagcactttg	360
ggaggccgag	gcgggcgaat	cacgagggtca	ggagttcgag	accagcctgg	ccaacatggg	420
gaaacccgtc	tctactaaaa	ttacaacaat	tagctgggca	cggcgcantg	gtgcgtgcct	480
gtaatccag	ctctcgggag	gctgangcag	gagaatcact	tagaccaggg	agtcggaagt	540
tgcaagtgc	tganattgag	ccactgcact	tcanactggt	gacagaacta	gactctgtca	600
aaaaaaaaaa	aaaaaaaaac	tcgagcctnt	agaactatat	gagtcnnatt	cctagatccn	660
gacatgataa	gatncattga	tagtttggac	aaccacactt	gaatgcntga	aaaaatcttt	720
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<210> 3777

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 3777

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tacgaacagg	tgatgacta	ccccggctac	ggttccccca	tgcttggcag	cttggccatg	180
ggcccggtca	cgaacaaaac	gggcctggac	gcctcgcccc	tgcccgacga	tacctctac	240
taccaggggg	tgtactccc	gcccattatg	aactcctctt	aagaagacga	cggcttcagg	300
cccggctaac	tctggcacc	cggatcgagg	acaagtgaga	gagcaagtgg	gggtcgagac	360
tttggggaga	cgggtgttgc	gagacgcaag	ggagaagaaa	tccataacac	ccccaccca	420
acacccccaa	gacagcagtc	ttcttcaccc	gctgcagccg	ttccgtccca	aacagagggc	480
cacacagata	ccccacgttc	tatataagga	ggaaaacggg	aaagaatata	aagttaaaaa	540
aaagcctccg	gtttccacta	ctgtgtagac	tctgtcttct	tcaagcacct	gcagattctg	600
attttttttg	tggtggtggt	ggtctccatt	gctgntgntg	caaggaaagt	cttacttaaa	660
aaaaaaaaaa	ttttgtgagt	gactcggngt	aaaaccatgt	agntttaaca	gaaccngang	720
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<210> 3778

<211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 3778

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tcataactta	cctgcaaagt	gattatctga	ctagtactac	tgcaacaaag	ataataaagt	180
gcctgatgtt	tatatcaaat	aggatatggc	atgtttctga	gtgtttctaa	agaaaaatac	240
tgaatgaacc	cctcgcctaa	cctagtgcct	gtggtaacaa	taactgacat	gcattgagcg	300
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ggagatatca	aatcatgtgc	ccaaggccac	aaagccaaca	tgtggtagaa	ctgagactcg	480
aatctaggca	gtttgttcca	atttttgtgc	tttgaacctg	tgcacaatat	gactattgct	540
attttgtgat	attatttgag	atttctcttt	taattattct	tgatatcttt	ggggcgagaaa	600
aacaatgaat	aataatgtta	tgaatattaa	agccccctcaa	aaaaaaaaaa	nnnnnnnnnn	660
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<210> 3779
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 3779

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gggctgctaa	ngaagcaaaa	aaggctaagc	aagcatctaa	aaagactgca	atggctgctg	180
ctaaggcacc	tacaaaggca	gcacctannc	aaaagattgt	gaagcctgtg	aaagtttcag	240
nctacaggtg	gacaatgagg	aggaggaaaag	ccnnggacag	gttgaagggc	ggcttgnccc	300
atccactgtg	gtcctggacc	acacangcgg	ctttgagggg	cttctcctgn	tggntgatga	360
cctgctgggg	gtgattggac	acagcaactt	tggcaccatc	cgntctacca	catgcgtggt	420
caaagggaaa	tggctctnnc	aggtcctcat	ctctnccang	ggctcatgca	nateggettg	480
tgcaccatca	nctgccgntt	taaccangan	gaggggggtg	gagatacaca	caactcctat	540
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tctntgctgg	gttncanncc	tgtggtcaca	agtnctgcng	ngcctgtatn	aaccagcacc	660
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<210> 3780
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3780

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gtcagctctg ggctgggctt tctggggggcc acacagctgc tgaggcggcg gggtgaggcg      180
gcccgaaggg acccaggggtg ctcagcctgg ttgtggatag cggcctgtgt ggagaggagc      240
tgcttgtagg cagtgaggag gcggacagca tcaccttggg ccggtatctc cggcagctgg      300
cacgccatcg gaacttctctg tggttcgtga gcatggacct ggtgcagggtg cagtggctca      360
cgctgttaat ccagcactt cgggacgcca aggtggaaag accgcttgag ccaggaggtt      420
cgaggctgca atgagttatg attgcaccac tgcactccag cctgggcggc agagaaaggc      480
tccatctcta aaaaaagaag agctaagtgc tgtacctaaa acatgcagta tataaactgg      540
ctgaacttag aaataaactg ttttcatgtt atgaaaaaaaa aaannnnnnn nnnnnnnnnn      600
nnnaaaaaaa aaaactcgag cctntanaac tatagngagt cntnttacgt anattccagac      660
ntgataagat ncattgatga gtttggggac aaaccaact ngaatgcntg aaaaaaatgc      720
tttatattgng aaaatttggg atctatgctt tatttgtacc attataagct n              771

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<210> 3781

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3781

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tcaagattta gattcattcc tctgtttgtt ggagtcattg aagccagtat atcctggaca      180
ttttttaaag aggtcccat tctgagaaaa gacaggaggt gaatgtctta ttgattctta      240
cctttctgtt cgttatagac gaccagagga acaaatgccc cgacacggat tcgactcagt      300
cataagtgtg aaccaaatag gccgatctgg gttctctcac tgactgaaga ggaagagaaa      360
taagagagga cagtgggcaa aatgtagggg gacaaccaag ggttctgggt tgcccagaat      420
tgccctgggt tcaacctga agttcccatg ttgtggacag ccccggtggt ctagacaaac      480
aggtcacctt agcggtaaaa gcctttctca ggagtgaag ctccagggga gacaaaacgg      540
gtttgggttt ggaacctgga ggaagaaggc aaatgagaa gagnetactg gcagtgaagc      600
ccggaaaagg cccgccttgc aacaancgtg gcatcttccg gaccttcc cttgctcttt      660
ctcccgttag cctgcccctt aatgtngggg cccagtgcaa aancctntt gggggccngg      720
gcccggtgcc ctgcttaatt caattgcaan cttggaccag gaaaagccca gccagctt      779

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<210> 3782

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 3782

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tacaggctac ttgttctttt tgcaggatcc catcgattcg aattcggcac gaggaggctc      60
atctccaact gacctcatga tccactggct tcggcctccc aaagtgtctg agtgcagtgg      120

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tgtgatcatg	gctcactgca	gccttgacct	cctgggctaa	agcaatttgc	cttcctcggc	180
ctctcaaagt	gctgggatta	caggtgtgag	ccactgcacg	tggcctcttt	ttagtattt	240
ttttccaaaa	ttattttgaa	aagtttcaag	gtggaatgta	gtgacaccat	cacggctcac	300
cgaagacttg	acctcctggg	ctcaggtgat	cctcccacct	cagcctctca	agtagctggg	360
actacaggtg	cacaccacca	caccagcta	gtttttatgg	tttttttaga	gacagggttt	420
cgccacgttg	cccaggcagg	tagaactccc	gtactcaagt	gatccgtccg	cctcagcctc	480
ccaaggtgtt	gggattacag	gtgtgagcca	ctgcacccgg	cccatttctt	cttagattta	540
acagttaaca	ttttgctaca	tttggtttat	gtccccatat	atctgggttt	cccttaagct	600
atatgaggct	acattgnggg	tacactttac	ccaatattct	ggtatcaacc	acagtgccat	660
aatcataata	aaaaaattta	acattggtgc	agtaaaaaaa	aaaaaaaaaa	actcgaggnc	720
tttagaacta	tnntgagtcg	ntta				744

<210> 3783

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3783

anacagctct	tgttcttttt	gcaggatccc	atcgattcgc	aacagaataa	gactccatct	60
caagaaaaaa	aaaagggttaa	agttcctgac	ttaatgagga	aataaaaaaa	ttatatgctg	120
aagttgctaa	gatctagctt	gtgtttgtga	aattgtgaag	aaagaaaaag	aaattcatag	180
tagttttatg	gtcacacttc	tgcaaaaatt	gcagccacag	tgcatgataa	gtgcatagtt	240
aagatggaaa	aggcattttt	tgagtgggaag	acatgaagag	aaatagcttc	caatgacagc	300
attcaagttc	ggtactatac	atggtttcag	gaatctacta	gaggtcttgg	aacatatccc	360
tgtgggataa	aagggactac	tgtattgcca	accaggggaag	cttcagtgtc	tccagagaat	420
ttattagggc	atcattacat	aggcacgatt	gatttggttg	gctgcccaca	tggttgaaact	480
cagtcttcaa	gtcaactgat	accaagttgt	ccaaagttcc	ccaccctaaa	ccacatgggt	540
ggtctttctg	gcatggcccc	gctttcaccc	taagactact	gggtgttgca	gctgcaacct	600
aaaatctagt	aacaaagaca	tgcttatcag	gtctgacata	gattaccttc	caaaggggaa	660
agatcagaca	tctctttggg	taangtcaac	ttttttttac	tacattgaga	caaattctat	720
ttcaaggaca	gagttaagga	gggaatgaat	ttt			753

<210> 3784

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 3784

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ggctcattta	tttttatatt	gtctagagac	agtgtctcac	tatgttacct	gggctggtct	120
tgaactcctg	gcccctaatt	atctgtctat	ctcaatcacc	caaagtgttg	ggattacaga	180
tatgagccac	tgtgcctggc	ctatttctga	ctttttttct	ttttgtatat	aagaatatat	240
atttcgagac	aaattgtgga	ttataaatgg	atgcttattt	atctcgactg	cctttcagac	300
ctttttcccc	cagccaacca	gtttttttct	tctcaaagaa	gacacagggtg	aaactgaaac	360
tcactatatt	cttctgattg	agattgtgtg	ggcttactcc	actcagcttt	tgcagtacat	420
ggaaagtga	gataaacgcc	taaagaaact	agtttcagtc	atagatttag	taaaaatggt	480

attgcaaate	tcttctttga	actcaangtg	cttttctcag	tttctttaaac	caccacccag	540
agagatcttt	catgtcctct	ttgccctgga	gatgtacatt	gggaacaaaa	accttaagtc	600
agttcttcac	ttttttactg	cttttggtct	tagtaattat	ctgntcttct	attaaacaag	660
gagaagacag	attaaatttc	taacagtnag	ggcacaaaac	caatccattt	acagaattag	720
tcttacttta	ccacatagga					740

<210> 3785

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3785

tcnnntgaan	acctttacaa	ctacntgttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgaggaa	aagaaaaaaa	aagaaattta	aaattctgtt	ttagtggagt	catttgaact	120
taagtctaag	tttataacaa	cactggcttc	cacagcacag	gaggtgagca	tgtgttaata	180
tttaagattg	gcataactcc	cttttaggtgc	aagtgttcag	gccaaaatgt	tcctgagcat	240
tttgattcct	cctcctgctg	cccactctata	ccaagcccag	aaactgtctg	gaatatattt	300
tagtttcctg	aatgacacca	agaagtagaa	cagtcttttc	aaaaatgtat	tttaaaaata	360
agctgaatct	caagaatctg	atctatagta	taatgaaaac	tgaaaagtga	agtagtcatt	420
gggatactct	actgtctcac	ttaattctca	cggcttcctt	gcaagggtggg	taaaattgtt	480
cctacagata	gtcaaattga	gtttttacagt	tagaaaatga	ttgggctagg	atttgagccc	540
aatgtctgtc	agattcctga	gtttctgcta	cttctactaa	aatatgctgc	ttcttgtgtg	600
tcngtcttc	tgtttgggga	caagcagatg	atatccctaa	caaatcaat	ttctttatta	660
ttattctctt	ttaccttttg	gttcccagca	gtacaagtcc	cagttttgaa	gtcctaaaaga	720
ctgggtatgag	catagctcat	cgacgacatg	gtg			753

<210> 3786

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 3786

tcenntngaa	nncccttaca	agctacttgt	tcttttttga	ggatcccatc	gattcgaatt	60
cggcacgagg	ccaaatcctt	cagtggatgt	gaaaggaata	ggagatgaat	tatataatcc	120
agaaacacat	aaacgacata	ctttgttttg	tgggacaact	gttattcaga	ctcgtttcta	180
cactggagaa	ctcgtcaaag	ccatagtgtg	tagaacagga	tttagtactt	ccaaaggaca	240
gcttggtcgt	tccatattgt	atcccaaacc	aactgatttt	aaactctaca	gagatgccta	300
cttggttcta	ctatgtcttg	tggcagttgc	tggcattggg	tttatctaca	ctattattaa	360
tagcatttta	aatgaggtac	aagttggggg	cataattatc	gagtcctctg	atattatcac	420
aattactgtg	ccccctgcac	ttcctgctgc	aatgactgct	ggtattgtgt	atgctcagag	480
aagactgaaa	aaaatcggta	ttttctgtat	cagtcctcaa	agaataaata	tttgtggaca	540
gctcaatctt	gtttgctttg	acaagactgg	aactcctaact	gaagatggtt	tagatctttg	600
ggggattcaa	cgagtgggaa	aatgcacgat	ttctttcacc	cagaaagaaa	aatgggtgtgc	660
caatgaagat	gtttgggtaa	aaatccccag	ttttgggtgc	nttgggtatng	gcttacttgg	720
tcattcccct	ttcacaaaaa	atttggangg	ggggggcccn	ttttgggnng	atnccacctt	780
ggaatcttga	a					791

<210> 3787
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 3787

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gcacgagaaa	agacttataa	gccctctgat	tgatctcctt	tggtgttgac	ttcttgatcc	120
tctttaattc	aggaatcaca	gttagatttc	ttagaatcct	tctttgtgct	ccaagtatca	180
aagaccttat	ggggctcccc	agccataatg	gaaaaagtaa	tttctttaac	aggggagaca	240
ccagagcaag	agcggagatg	ggggtacgag	ggggtcctca	tttatgcagc	tgggccagagc	300
tcctcatcca	acccggggct	tagtgagggtg	acagatgtga	tggtggccaa	tgtagtcttc	360
cttttctttc	tttttttttt	tctgaggcag	agtctcgctc	tgtcacccaa	gctggaacgc	420
agtggcgtga	tctcagctcg	ctgcaacctc	tgtctcctgg	gttcaagcga	ttccccagcc	480
tcagcctccc	agcacttttg	gaggctgagg	tggtgggac	acttgagggtc	aggggttcga	540
gaccagcctg	ccaacatggt	gaaactccat	ctctactaaa	aatacaaaaa	ctggccangt	600
gtggtggcgt	gtgctgttaa	tcccactact	caggangcag	aaggcaggaa	aaatcacttt	660
gaaaatcang	aaggcngagg	ttgcaantga	ncctgaanat	ggcaccactg	cactgtancc	720
ttgggcaaca	gggcaagaac	tccatcaaaa	aaaaaaaaaa	aaat		764

<210> 3788
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 3788

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cacgagccac	tgctacagcc	ttagtccaga	nttttctctt	tctcttatct	aggctgttan	120
tatagcctan	taaatgttcc	gggcccctcca	gtctatttgt	cattcaatca	cttgtttcag	180
aaatattact	aggcacttat	tttatgccat	ggcacaattc	taggtgctga	agacgacaca	240
gctgcgaata	aaacagacat	gggacctgtt	cttggtggagc	ttatacttta	gtgcgtagag	300
aaactaaaca	gagaggtatg	aaagatagtg	atgggacata	attctactga	aggttgggtg	360
atcaaagaag	ctttgctgaa	gagatttgtg	ttgatgttgg	tattttctaa	aaacagatga	420
ccaatatggt	taaatttggt	tctgagggag	aaggtaacat	gagatgagct	cagataatta	480
gacagggggc	agatcattta	tatgcaaatt	agattatgag	ataacagaat	ggtatatattc	540
cctcatccta	tttactgcag	caaatctctc	cttagttgat	gagactgtgt	ttatctccct	600
ttaaaaccct	acctatcctg	aatgggtctgt	cattgtctgc	ctttaaaatc	cttctctctt	660
cttctctctc	tattctctaa	ataatggatg	gggctaagtt	atacccaaag	ctcactttac	720
aaaatatttn	ctcagtcctt	tgcagaaaaa	accaant			757

<210> 3789
 <211> 926
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(926)
 <223> n = A,T,C or G

<400> 3789

tncgncnctt	ttnnnantag	nnnnnntgnc	nnntgnaann	gntnnatgan	gtncntnnntn	60
actatnatgt	aannnagacn	tncgcttana	tatatcgngc	nnnnnanannc	nngtngtatn	120
atnannagng	tgncataatn	gncanaaacg	cctnnactga	ggnacttgta	nntntttgca	180
ngnncccnan	gannncgaac	aaatccatct	tgtaatgaac	ggnggaaaag	ggccagcgag	240
accacacagc	acatcaatgc	catcaagcgg	gagattgatg	tgaccaagga	ggccctgaat	300
ttccagaagt	cactacggga	gaagcaaggc	aagtacgaaa	acaaggggct	gatgatcatc	360
gatgaggaag	aattcctgct	gacctcaag	ctcaaagacc	tcaagaagca	gtaccgcanc	420
gagtaccang	acctgcgtga	cctcatggct	gatatccagt	attgccagca	cctagtggat	480
caagtgtcgc	caccgcctgn	tcatggaatt	ttgacatctg	gtacaatgag	ncctttgtca	540
tccctganga	catgcagatn	gcactgaaaag	ccaggcggca	gcatccggnc	aggcattggt	600
ccntgtgaac	aggattgtgt	ctctgggaga	agatgaccca	ggacaanatt	cagccaanct	660
gcagcagagg	gtngctttcc	tggagggccc	ctgattccat	ctgcttttnan	aatgccaaag	720
tnaanataga	gentnaagca	taattacttg	aaaaccattg	atgggccttc	agnngggccc	780
atagaaaaat	nanaacctnn	ttgnncagtt	ccttnangga	aaaagancag	nnactcctac	840
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nttcnattgn	tgggacccca	nncang				926

<210> 3790
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(754)
 <223> n = A,T,C or G

<400> 3790

gnnncntttt	gaatncanat	acaagctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agcattagtg	taagtgcagg	taattgcttc	attaggacat	atgtattgaa	120
ggagggaggg	caagtctata	gcatggtgat	aaaaacaggc	ctcaccctct	ttctctaccc	180
acacagggag	catctcagct	tgacttcagg	gatccaggag	ccaccagcca	ccctgtaaac	240
agcccagatt	aatcctgggt	ttcagtgtca	tgggaggaag	gaaggatgac	ctagtaaaga	300
gcaacttact	tactttcttt	ggggtggtaa	ctcattgctg	aactctggat	ggcactgggtg	360
cgttcaaggc	aatgtgattg	aatcattggg	gattattact	gaattaggga	gcaaagtatt	420
cttatggaag	ctgtatgctt	tctgaggctc	accaggccgg	atggcatgag	ccctatcctc	480
tgtttgagtt	atttgactgg	ctttttaagg	gagtctccat	tttcattctg	gccatgacag	540
atcaagaggt	tatattctcc	catcagacct	tactactttc	ctgtagagtt	gaatattatt	600
ctgattttat	gccatgtctg	tgaatgtctt	tgtgtgcacc	ctacctagtt	atgcatctcc	660
tctttcaaaa	gcatgttaaa	agatccaata	gtaaatgatt	ctgcttatat	gaagctacta	720
aagtagtcaa	attcatagaa	agtagaatgg	gtgg			754

<210> 3791
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 3791

gnncnttttt	gaatncacat	acangctact	tggtcttttt	gcaggatccc	atcgattcga	60
attcggcacg	aggttactga	tggagagagc	agagaagctg	gtgtttgcag	tcccatctgt	120
cagccttgac	acccctactc	ctgtccagcc	agtgtttctc	aaagcgtgct	gatgagcaat	180
gcaagatgat	ttcatgttat	agataagaat	aaaaaaattg	ttttgtgttt	aactcaaatt	240
agaaaaaggc	aacaattggg	atgtgcgacc	tgtgggtttg	cagatgatac	tgcttaggat	300
gttggtagct	aagaaaaagg	caacttttca	aaaatactat	tagtgacatg	tggacctagt	360
cctcctgaag	aggactacat	tggggcacccg	gtaattgttt	ctatttgcgg	tactctggct	420
gtgtggctct	ggccacgcca	ctggaggcag	tgtctgagcc	tgtgacttga	gtagtgtctc	480
tgtgtcatgt	ctgctgattc	tccccaaatc	ctgaagattc	atgatgaagt	gactgccggc	540
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taattttggc	tcaaattgcc	tgcagttact	atcttaaccc	tgctgttat	gttcattgag	660
caccaaagtt	tttcagtcaa	ttcctgagta	attattctct	gggattgaat	tatgaaatag	720
taaatatttc	cactatgcaa	tcaattgggtg				750

<210> 3792

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3792

gnentttttga	ttccatacan	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagcaa	gaattgctgc	tgtgtttttt	tttttaattt	tattttttat	ttttaaagac	120
tttcctacct	tctcattgag	agagagaaaag	atgcccagag	ttaaaatagg	agggtgcttg	180
gtattttgtt	gaacttcaca	agttaaactg	gcgaatggcg	tccatcagct	gttattcagt	240
ccttgaacag	agcagatatg	tttgtgagag	gacaaagaag	atgcctcaaa	gacaaagaag	300
aagatgcctc	gtcgtccctc	gagctcccac	acggcatctg	cacatcacca	gctcagcatt	360
tagcacactg	gattgacact	gccatgttag	gtgaggtgac	ggcatgccct	agagtgaagg	420
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tgtattangg	gataatgctg	ttatcaatta	tacatttcct	tctgttataa	ttgtccttgg	600
tcacaccagg	aaatgtcctt	attaggagac	gcatgcagaa	gtcttttagg	gatgaggact	660
tactgcagct	tattctcaaa	tgtttatata	taaggtgaca	aaaattaaga	aattgggtcaa	720
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<210> 3793

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3793

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ttcggcacga	gcctaggcgt	agtcatttct	ttatttagtcc	ttactttatt	tttcaaagtt	120
acgtaataaa	tgtctatgtt	tctaagctat	cttttagattt	gtaaaagggc	taaaatgtta	180
cttttaaaaca	tgtttggttt	attcaaattt	gtttataaat	ctctcctttg	tacccttggc	240
taccacctct	ccccactcct	ctgcctaaaa	ctaagggaaa	atcctgtctt	tgcccatagc	300

ttcagaatgt	tctgcaattt	tagactttta	cttttaactg	atcactgtta	agcaagggag	360
gaaatttacc	acttctcttt	gtgatgtaat	attgcacagt	gaccctaagt	ggaagccttc	420
ctgtgtcctg	gatgtgagct	ctgcgctgtc	agtggttggc	ttgtaagctc	tggctccaag	480
tgttctgagg	tgcaaggaac	cgatcttgtg	cagtagaaaag	agcttttgga	agttggcaag	540
tagcaagggt	agttctcata	cattctatgc	tctggccacc	tttttctgtg	gcaggaaaac	600
aaaacaggca	aatgcacaca	aactgggtac	atttaacttt	gcctcctgag	ccatctncca	660
agccatttag	ctttggatgg	cctcaatttg	gaacaaggga	acaaacaaaa	tcatgatgat	720
aacgatgatg	accccgatcg	tccttactaa	t			751

<210> 3794

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3794

gncnnttg	ttcnatacag	ctacttgttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagatt	gcttctgttt	taatggtaat	ttgtctaatt	gtaaaaatac	cgaagtagtg	120
attccaagtt	agaaagtagt	gatccctaag	aacagttgga	gaaacatatg	gtttgttcta	180
tagctgtaag	cggtaatttt	gaagcaattt	tgaaagcatt	ctttcccttt	aagaaaaaaa	240
tagtttctta	ctgaaatgac	tttttaggat	gtcttgaaaa	acgtagtga	attcatctag	300
aaacttacaa	ggttgatgct	agccatcaca	tgcatgctgc	aatttgctga	aatgtcttga	360
tccaggggag	ctaaaactttt	acaaaaatag	gtttgttttag	aagtcatatc	actacatgaa	420
aaatcaccac	ttttgaaact	tacggttaaa	ggcagtttct	cttttaaaaa	tgtgctcatt	480
gattattccc	acccaaatag	ccagaatatt	ttgtaattac	ccattaccac	tcctaccatc	540
tgaaacgtgc	atgaaaaaaa	tgaaaaattg	acttcatctg	aaaagagttg	tgtcatgata	600
tatgaaacgt	tttttgtaac	ctccaggaag	gaacattgca	atttttccat	ttcagatcgc	660
ctttgttttg	ccattctcta	cagcagacca	aagagtgcac	caaagtaca	ttatttcagc	720
atagataatg	acttgaatat	gagaagtaa				749

<210> 3795

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 3795

gnnntttgat	tccntacan	actacttggt	ctttttgcag	gatcccatcg	attcgaaaaa	60
aacaaaaatt	cccataaaaa	aaatagatgt	ttctnacatg	ttgagcatat	atggatttca	120
tttttaatat	gattgtagaa	acattagatt	taaagcatat	tgaaaaagaa	aacagtatat	180
tctttaggag	cttcaaaaaa	gggttttggt	ttagtcca	gggtgaaaga	agatctttta	240
ttattttggt	aaataacttc	taaggaaaca	aaccaccctc	acatgcacta	tctcatttgt	300
atttctgtca	attctgaaag	gccagcattt	ggccagtatt	atttgaatct	gtattgtatt	360
ttttaaccag	agaatgaag	gtttatagct	tcattctttt	ggaagaggag	gctggagacc	420
acagggttaa	tgagggtgca	tcgctcttgg	cgggccctgg	cagggtcctt	tctccctcct	480
tttacacgcg	cagacaaagc	ttgtggatgc	tcaataagga	cagctgccgt	ttggacagag	540
attaatcatt	tatttgtgaa	ggttttttct	gccttgcttt	cttggctctt	tttaaattct	600
cacattgggt	tgatcccaaa	atgtttgtgt	tgtccttact	caaaactagg	aaaaacaaat	660

tatgtggtaa gaagctcaga gccacttact taaatctcaa ctagatttat ttgtgagaac 720
atctgttttc tggatattta nacacttctt ctt 753

<210> 3796
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (755)
<223> n = A,T,C or G

<400> 3796
gnncnntttt aatnncnata caagctactt gttcttttttg caggatccca tcgattcgaa 60
ttcggcacga gacagcattc gctgaccatt ctctctctcc accaccaag gacaggaggg 120
ctaaccagg cagagaacct acgctgagaa ctccaccacca gaaaaaatat ctgcttttaa 180
aagcacagtg cacaatagta ctttttaaaa gctaaaagag ctaagttaa agttaagac 240
acgtatgttc ttgacacag atctcctaaa agtctgacaa aattagaagt accagcacat 300
aaaaatagat gcccaagaat gtttattgaa aaaagctgaa aacctatgac tatctcaata 360
ggacaatgac aggatacaca atggttttatc atgccctgac ctgctgagcag tgaccaagaa 420
ggagggcaca gatcacacag cagacagaca gatgctctga ggcttacgat ggggttatat 480
catgatgagc ccattggaag ttgaaaatgc cgtaagtga aagtgcattg caaactggga 540
gctgctgccg ctgctgctgc ccacatcaca agagaagtac agtttctgaa tgtctattgc 600
ttttgcacca ttgtaaaaag ccacaaaatc atataggtcg aaccattaag tcagagaccc 660
tctgtgcata gacttggcat tggcccatga caagtgaata gagtaagcta cagaataata 720
ttcatccatt cttcattttt ataaaaccac ttttt 755

<210> 3797
<211> 745
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (745)
<223> n = A,T,C or G

<400> 3797
aggnttnntt tntgactcat gcttggnta ntngttcttt ttgcaggatc ccacgatc 60
gaattcggca cgaggttacc tggggggcgt ntgggacgtc aacagccaga tgctgacggt 120
gctcagagcc ttcccttgct ggagccggct cggggacgca gagactgcag ctgccatcga 180
agaggagatc taccagagcc tgttcctgct gggcctgtcc ctggtgggct ggtaccacag 240
ccaccacac agcccggcgc tgccatctct gcaggacatc gacgcacaga tggactacca 300
gctgcggtcg cagggctcca gcaatggctt ccagccctgc ctgcacctgc tctgctcccc 360
ttactattct ggcaaccag gccccgagtc caagatctcg cctttctggg tgatgcctcc 420
tcccgagcaa aggccagtg actatggcat ccccatggat gtggagatgg cctacgtcca 480
ggacagcttc ctgaccaatg acatccttca cgagatgatg ctgctggtgg agttctacaa 540
gggttccccct gacctcgtga ggctccagga accctggacc aggagcacac ctactngaca 600
agcttaagat ctcttggcc agcaggacgc ccaaggacca gacctgtgtc aacgtntctg 660
aacaagtgtg ccggcgttct tcaagcangg gaactgacct ttcaaggcaa ggtgggcttc 720
aattgtcttg aagggtccga tggct 745

<210> 3798
<211> 784
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 3798

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nggccntttt tgaaaaccct tttcaaacta cntgttcttt ttgcaggatc ccatcgattc      60
ggaaatccct ctcttgacca cttgtcagaa atcagaaagt gtggaagaag aaaatattag      120
ttacctaat gagagtcttg gggaagagtg ggattcctct gaagaagagg actctatggt      180
gcccacttta tcgcctcttg agagtcttgc ctggcagggt aagtgccttt taaaatattc      240
cacaacttgg aaacctttta atcctaattc ctgggtgtat catgctaaac tgttggatcc      300
aagcacacca gtccatatac ttcgagagat aggtctaaga ctctcccatt gttcccattg      360
tgtcccaaaa ctggaaccaa ttcctgaatg gccccctctg gcctcttggt gagtcccacc      420
ttttcaaaaag cctcttacaa gtcccagccg gctctctaga gatcatgcca ctctaaatgg      480
agcactgcaa tttgccacca aacagctaag ccgaacattg agtagagcca ctcccatacc      540
tgaataccta aaacagatcc ctaattcatg tgtttctggg tgttgctgtg gctggctgac      600
taaaanagtt aangaacaa cttgtactga ccccat AAC actantttat ttttacattg      660
gncttccaaa agggcagggt naacaaactc cntaacttgg anttccttgg aaaaaaacn      720
ncnttttggc ctctgaanat ctnnngnngn gggctaaatt gganaaaagn gggtcccaaa      784
attt

```

<210> 3799

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3799

```

gcnnnttnatt anacagcta cttgttcttt ttgcaggatc cctcgattcg aattcggcac      60
gaggacaaag caaaacatca acattaagtc ataggctagg attatacaaa tgagaacccc      120
caccttatac attacttaat ataagttaac tacaaagagc ctctccactt acatttttat      180
catgcatctt acatttttaat gtccttattc ttttatagaa aaggtcataa tacccaataa      240
aaaagaatct gtaatatccc tgatgcagca acaattgac acatgcttcc acatgtgacc      300
acaataggaa taaaataaca gcgtaaagaa atttgaaagt tgtattacat cattattcac      360
tgttcaaaaa tttttttcaa gaaacaagta cactttcaat gaaattacaa tgcttcagaa      420
aatctccctt ttaaagttat atacaaaaac agcttttagt gtggattcat ttttatactc      480
aatactctga tttagtgtaa tgtctgaagt gtcagtgcct tattctagt taaattctca      540
tatttacgta aaatcaattt tgaattaaat atttttttca tatttacatc tgcaaaaata      600
tacttttagt taaactctct gatgttttct aagctataga ttttgaaaaa aaaagtcttt      660
ccaaattcat tatatttgca ggactcttct ncaatataaa ttccatgatg tggaataaag      720
ctggagcaac tgcttcangt tttcctctag

```

<210> 3800

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 3800

```

gaaattcata canctacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag      60
atctgttact acttcagaaa ttgctgggtg atgttaggcc cctcctatct gtgctctctc      120
agctacagtt tcccgtttga gcatattcat tcttttttat ttttgctctg aacaaaaata      180
ttagagttac aatattacta tattccaggc cttgctagaa actggggata aatctatgaa      240
tatggtcgct tccctggaag acctcacagt ccagggaagc caaacctgc agacatgcag      300
tagacttagt ggtctctctt aagggttgctt gttgagtttt gacattggag attatgtaca      360
gacttgaatg actagtttagc ctcaggcaca gcattctgtt tggcnttggg gggggggggg      420
aantactgcc tctcagcctg ggcaagtcac ttagagatcg cctcgtcact ctncctcct      480
ttgctgatgc ctctggtcta ntacctctga ctcagcttcg ccttttagaga tactcatgct      540
ttctggcaac agaggctcct caaaccccaa ttcctattaa aacttccatc acttaccgcc      600
cttctttttc aaggggacca agccagnttt attnccccca ttttnccagg tnacttggtc      660
ccttggggcc aanaatgtgg tggaaaattt ttggggcaaa attccccntt ttttcccttn      720
ttttttnttg ggancttcna nn                                     742

```

<210> 3801

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 3801

```

gntnaatttc aaagacgctn ttgttctntt ngatgntcnn ancgaactcta nttcngcacg      60
agtggcagtg ggagtcgaag cgagggtctg aagttcacga ctactagaag gggagggggag      120
tggaaaggct ctcagtgaag aangtattan aattatttct gaattatcag tctctcattt      180
gtgcttttga gaagcnaaaa aggcaaaagg ggtcttttggc catcttctgc tggagcttcc      240
agggaggatg tgtctccaan agaccagatg tccgagtttg aaatcccaga acccangagg      300
aaaagaatca caggaggagg aagactgtcc aaaggctcct ggagtcttct gttctctaac      360
cttgggaangt tttgaacaat atttctcana ngatagccct ttttttccaa cctttttttt      420
ttntcatctg tccagcatga ctcacccccc gggagtgggtt gaatgtcttg tctttcaccc      480
aagaaaggac ggacttttgc attgggcttg taaatttggc ccactgggtg cttaatggga      540
agtaaaaaaa agagtcnttg cttaccatgc cggggaacct anaaattacc atcactggcg      600
tttttttngc ttttggttct tcaatggggt tggtaggggt attgaaatta tttantttnc      660
caanaaaata aaaaaatggg atttttaaaa aaaatttttc atcccccggn nnaanttttt      720
ngnnnnnnng nttggaanng ncnnngcncn ntattnnanc tttnnnnntt nnnnnccntt      780
ttttt                                             785

```

<210> 3802

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3802

```

gttgantttg aanccctctt gttcttttgg aagggtccca tcgattcgaa ttcggcacga      60
gagatgttat aaaatgtgta ggcttttaat atataagtta tttgggctcc tttgttttgg      120

```

```

gcataacttna aacagaagaa aaccccttct gggggcagaa aagctagaac tggatatcac 180
agttccctct ggggtgggctg ctatgtgtca attcgatctc cttaaaagaa aatngtggtgta 240
gcctaaaata ggggtctttct ttaccacaag ttagatccct ggcagcaatc tactttctcga 300
aacagaataa ccattcaact atgacagcta tcttaaaatc atagactgta aataatattg 360
gggcacttct acatatcata gaaaataatg tttcaaccag aaaacatctt accttttttaa 420
agctttccnc cccctaaag aaagacatcc aatagaagtt gccacttctc catttatcaa 480
aagtaaaatc tacttccatg taggnccggc nacttctttt taccttncag tcaaatctta 540
actattttaa gactaaaaca aaataactta tctgnntttc cattttacta cagtaaatgg 600
gtatttaaaaa tagttcacat ggcttttctt tttaaattca aaaggggtatt aacctgggat 660
ggtggaaaaa cccaccttta nccacacctc cttaaaaata ccttaacctt aacttnctta 720
aaaccaatth acccaganca actngggggc t 751

```

<210> 3803

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 3803

```

cttaattcca tcagctactt gttctttttna agcattccat cgattcgaat ttccggcacga 60
ggccatcctt ctctctggct gtagactgag gcttttctct tgcttcaagt cagagcagna 120
tttggtgatn acctnncaat aatgtttggn nnacatgccca ntnattaaat taattcaaca 180
tgaagttaa tttgatgaaa gtggatcatg tatccangta ttnggctttt gaangttttg 240
cangtnaatg gagatggaac tcnccctgnc acacacnctg aactncantg gtgcaatctt 300
tgntcactg caacctccgn cactgggctg gagcaattcc cctgcctcan ccttnaanta 360
gctggaatta caggcatgtg tcaccananc ceggggggta aaattntttt ttttnatttg 420
aggaaaagcn gggtcacat gtaggcattg tggtnctnaa cccctgacct nangtgatcc 480
acctgncntt ggccttcaag gngctgggat tacaagctta aancaccatg tcagccagcc 540
aagtattngg nttttnaaaa atttganntt tcntttgctc aaaggggaata naatttttct 600
nctgggttaa aaagaaacct tttnaagcc cnccttntt tcaaaaanaa aaaattttta 660
anttcntttt gggnggtaaa acctggcctt naaaacctt ttnacttggg caaaataaat 720
tttaattttt ttncctctt tnantttttt 750

```

<210> 3804

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 3804

```

ttnatcttga nacnctctt gttctttttg caggcatccc atcgattcgc ccagctacat 60
gggaggctga ggcaggagna atcacttgaa cctgngaggt ggagggttga gtgagccaag 120
attgcgccat gcctgcagcc tggcacggcc agnngnctct tgtcaaaaaa aaaaaattaa 180
tnaatgcctt tggctaaacg taaaagcctt tnttggacca ncttaatgct taaaatctgt 240
tttngttcca ggtgggttgt taacagggac tcattttttt ggtcttggat anggatcccc 300
gctactcaaa cagaaaaatg aaggaggaat ctggttaaag aaaacaccag tntccagaat 360
ggtgaagntt tggnaagaaa actcctttct tgcctcaaga aaaattttaa aggttnggnc 420
cttttcccaa aaaanccna cacttttttt tttcttgant gaangggctt taaaatttct 480

```

tnggaaatag	ttttaccaaa	aatgggattt	aaaaaaatcc	taccgatcaa	gatgagttca	540
gctagnaagt	cntnccnct	caggatcagc	ttaagtattt	tacttgattt	ttttaccaaa	600
tcaatgcncg	tacctacctt	aatccttnaa	ataagtttan	aatttaccta	accccaaagt	660
ccaggagggt	gtnnttacca	aaaaatagct	ttntcaaggg	ctggcnccta	a	711

<210> 3805

<211> 668

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 3805

tgantttcaat	ccgctcttgt	tcttttttgc	ggatcccatc	gattcgaatt	cggcacgagg	60
gtgggtcatcc	ctaccttggt	cctaattctta	gggagaaaaga	atgtgtcttt	caatgagtaa	120
gtctgatgtt	acctntggga	tttttttggt	natgctcttt	atgtgtttga	ggaaaatcct	180
gtctactcta	gttttttagga	aggangnccc	tngaatecgt	gttgnatact	ntggcgatat	240
canaatngct	atggngngng	ncnngnttat	ncncattaag	ctcggaaata	ngtgggtggtg	300
cgacatcaca	atgaccnata	cantactgna	ngggccctag	cnnccaatcc	ttanggttcc	360
nnncatttnt	tctggctcng	aatcaactgc	atggncantn	ngccccccna	nnngaantan	420
ggaaggannn	tcacataggt	acatgtgact	atccttactn	aatctggctn	taaaaacatg	480
gtcctnnaca	tnaacatntt	anancatact	ttgcagatnt	ttgcggnetg	cnetgaaatg	540
tcccataaac	aacntnntta	cttnanggaa	aaaanatact	ccatgggggn	naaanaacca	600
tggaggaang	aaggnaaagg	gccccncatg	ccnctgcang	tttancaagg	gcagnttatt	660
tattctta						668

<210> 3806

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3806

tgattttccat	nnngntacnt	gtctttntgc	aggatcccat	cgattcgaat	tcggcacgag	60
gactagaaaag	aggccctgcc	ctctagaaaag	ctcagatctt	ggcttctgtt	actcatactc	120
gggtgggctc	cttatcagat	gcctaaaacn	tnttgccata	agctcgatgg	gttctggagg	180
acagtgtggg	cttgncacag	gcctacagtc	tgaggggagg	gagtgggagt	ctcatcaanc	240
tnttnggtct	tggcnttatg	gcnaccactg	ctcacccttc	aacatgcctg	gtttacgcac	300
natcttgntc	atgggaagag	gtnggtggna	gactctcana	gctcaagatg	ctnagagaga	360
aagntccctg	aactgggccc	atctgacttt	ctacctaccc	cattgggtttt	tttggcncct	420
ttnttccac	tcaatanctt	ctggcagnat	netcctgagc	cacatgtgcc	angtactgga	480
aaaacctnca	tctttggcnt	cccaagagct	ntanggactc	ttcatcagca	ctagatttgc	540
ctcntctaa	tntctatgan	ctcgcaccat	attnataaaa	ttgggaatgg	ggtttggggg	600
atztatgcnn	ncctataaaa	actatactga	gtcgtntttc	gnananncaa	nacnttataa	660
gnatncattt	gatnnanttt	ggnccccccc	ccttcttana	attnngn		707

<210> 3807

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(698)

<223> n = A,T,C or G

<400> 3807

ttantttccat	acagctcttg	tctttgtgca	ngatcccatc	gattcgaatt	cggcacgagg	60
tttgataaaa	ggttgtcagt	ttaatattca	agcaattaat	aaagacaagg	tgtgagtttt	120
tctgttaatg	cacctctgtc	tttaatgtgg	aancaccgta	taaccatgca	tcttaccata	180
attgggggtgc	atgtctgtgg	tacatgggca	caaacatttt	tctttcagcc	ttgtaatcac	240
atctccaagt	aatctaagca	aaaaagaagc	aaaatctaag	ccagtggaca	tgctganggc	300
tatcttaagg	gcttctggaa	tgacaaaggc	cagaaatcca	tcttcatatc	atTTTTTTTT	360
TTTTTggaat	cnaggctctg	ctattgttgc	ccaagcttaa	aaaaattggc	ccgggggggn	420
ngcttttcna	ggngcnanat	agttaatgna	tcctttaacc	tcctgggggt	aaanganccc	480
cctgcctcaa	nccttttggg	gaacttggga	cccaaggngc	nccnccccac	ctgggaantt	540
taaaagcatt	tttatataaa	aaggggaagg	tgggctgtng	ncttttcctn	tttacctttn	600
aaacccggga	atcaaaaaan	aaggggcaag	nggggatttc	gggccatata	agccnggggt	660
tggggtcctt	ggggggaaca	TTTTTTTTTT	TTTTTTTA			698

<210> 3808

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(639)

<223> n = A,T,C or G

<400> 3808

ttccatcngc	tcttgTTTTT	tgcaggatcc	ctcgattcga	attcggcacg	agacactggg	60
ctcagggggt	gagccattgt	tgggtgctat	tacttggtgt	gggaaccaat	anggaacaga	120
aaacaancaa	aacactaacc	agagaancgg	gcttattgaa	tnctttgcac	ctaagaagat	180
taagaggaaa	aggaggaggt	tagagtgtgt	gcctctgtgt	cctccgggtg	ctgagtgttg	240
ataagaaaga	tagatgttag	anggtagcag	aattgtgttg	caagaattaa	agccaccagc	300
agatgagact	tggaccctaa	ccaattcccc	aggagaacct	gtgaaaaatt	aatgtcttga	360
agtaatggac	atcaaaaagga	gcacttattt	tttggaattt	ggnaaaangc	tctagatcct	420
taggaggatc	tatttttgctc	atttgngngt	gagaaactan	attcaaagag	ataagtactt	480
gctcatcatt	agtatggcag	agccaaatca	actagatgta	acntgtctta	aacaccgact	540
gtaatgnaat	ctataactnt	actggagatc	tncaataaca	gcctcagtga	ccttgaaacc	600
cncagtngtt	agtaaataatc	ctggttttcc	tgatttagc			639

<210> 3809

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 3809

nntttgaant	ccaatanata	tatngctant	tgtgcttnat	gcctangata	tcgaattcgg	60
------------	------------	------------	------------	------------	------------	----

cacgagccta	cctcaccagg	ttgtcgtggg	gagtgaacaa	ggtagtggtg	cctcacctac	120
agactcaaca	tatggccttt	ggctcttccc	acttccaaga	gtcttggaag	ggatgggtcg	180
agcaagcaga	ggaaaggaag	atgtgagttc	ccaaaatgct	cctcaccttt	ttcttctgag	240
tgggctcctt	ctcactgcat	tggagggcct	gcggcgcan	atggctctcc	accctgggag	300
actccgtccc	tgtctcttta	gggtgtcaaga	tcagaggcct	cttgcttacc	taccagactg	360
cccgggggca	cgcatgaac	cgagccttca	gcttgccaac	nttcnttggg	aacctntttg	420
gnntgaattg	caanttgggg	gtgcngggcca	tggacacccc	ggcagcaacc	agcatacaag	480
aagcccttgn	cacgtgacct	actcttacag	caatcgagc	cctgccggcc	ctanggagga	540
aggaagtcca	acttcagtct	cagagattct	gatgcagtat	atcaattgng	gggtggctgt	600
ggccaagaat	ttttaataac	tttnaaata	acctttcttt	gggtatttac	caaaaagccn	660
aacttggtan	tttggtcaat	acaaattttt	caccaaacc	ccctttaaan	caaaaaaaaa	720
aaat						727

<210> 3810

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (728)

<223> n = A,T,C or G

<400> 3810

nttcnntttg	aanccttaca	netcttgttc	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggtcg	tcggttttct	gagggtaact	cagctgacag	agagattcag	agaacgttaa	120
tggaggtaat	atgttgtaaa	gggggtttat	aaagaaacca	atgtttatta	aatgaagaac	180
tgaacattgc	atatattgata	gtcaaaatat	atagaacatt	ttaaataaaa	tatgaaat	240
gaaaatattg	tcaggaacaa	acatgtttct	ctatcacaaa	ctctaagaaa	atgactactg	300
gaaaataagg	ctatctgcca	aattccattt	ggtatacacc	tgtactattc	tgtgtttttt	360
gagtagatca	gtcattcata	tatttaaatt	cttatgaatg	tggaaatcct	ttggggccggn	420
gcgagttatg	aagacatttt	tgnnatggca	tattaagact	gttggcaata	aatgagctta	480
attatgtatg	aagctgctct	aaaaattatt	ttttctctca	ctttattgct	gagactgagg	540
caactnaaat	agntttgata	attggaagan	gatnnatgac	agaatgaaaa	gaatgcctta	600
aaggnccttt	ccttcenagt	ttttaccctt	tccccactt	cccaaaaatt	cttntggaaa	660
aggtggaatn	ttcaaaaaat	tnccaaanta	ccattttttc	ccacctttca	aaattgggaa	720
aacntag						728

<210> 3811

<211> 931

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (931)

<223> n = A,T,C or G

<400> 3811

gnntnannac	ngaaactntt	naactcctgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	tggctgttaa	gaaaacantg	gttttttctt	ttaagggtgat	catttcatgt	120
tcctatggta	tggatgcatg	tagacctttt	angaaacagt	taatgaagtt	taatctgctt	180
atgtggaagg	aaaagggtttg	aatggaaaag	gcttcttggc	atgcaacgga	anccgccctg	240
cttttcccc	gatgtgtcta	tttaggaaca	tttctgtgac	acttgccctg	gcgtctgcaa	300
cctgctacgt	ngctccttga	tgganggaan	aagcctggcc	gtggtanagg	gaaagctgag	360
ctctgttggg	aaaatgagag	ttcctattgg	agaaatgcct	ctgggcaacn	tgntggcct	420

```

ttncennaaa ngtttggggg cgcacatagg ctgtgtacaa gccanagtcn aaggtattaa 480
aacctaacca gccantgcag aagtcagntt gggaggttcc nggaaagtgc ctaaactaag 540
gcccnaaaag gaccaaangg gcccggncc cccaggggta nttaaaaaaa ttaaaaaaaa 600
tccanccctt ccaaaggncct cttaattntt ncaanttttt cccctgggcc ccttaattcc 660
ccaattcctt tngggncctt tngggggaag agcccnttna aaattttngg gcccancctt 720
cctttttggg cnttttnaaa aaaaaggngt gggnaaangg gggntttttt tttttttggg 780
ncctttccaa attgggggna aaaaaagggc ccttgggccc cctttaaaaa gggggggccc 840
ttggggtnaa ncctttccaa cnttttaatt tccccccaa nttttaaatt ttttgncccc 900
tttaattttt aaaaatncct tccccccat n 931

```

<210> 3812

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 3812

```

gggcctntcg tnaacccttt gaaactaccc gnnctttttg caggatccca tcgattcgaa 60
ttcggcacga gnaaagaact caaagggcag caatncnttt aagtaaggaa accagttagg 120
agataattgt ggtaatccag ggaaagaaaag atggcagttt atactggggc attgccagtg 180
tggaatagaa tagatctcag aagaattttt ggaagtagaa gtggcaaac ttggtgactg 240
aattgtgagg gcagaagtgg gagaaatcaa ggatagagtt tcttaaacaa gctttggtga 300
agacagggac taccctatct gctgtcatgt atccacagct tagcacaat ctttatacgc 360
tgagatgct tgataagtac cgagtgaat tttctggcct gagtaccan ataatggga 420
tgccagtctc tgatttaggt aacacagagg cagactcact tgggaggtaa ctggtgattc 480
anttttaaac atgtctagct caacatgcct gtgaaacata cacatgacaa tgtccagata 540
cattggcaat tnggatgaat tgatttctgn aactcaanaa agagaggtct gagatgggat 600
tctttgcata ccttaccaaa aaaaaaagg tttntgtttt tttngnaant naacncgntt 660
ttntggcctt gttaatccca nttnctttng gggagccna ngnnccgggg ngtnnnccna 720
agggntcngg nntttaanan cntccccc canccaaaatag ggngnaaac cctttttttt 780
tttaaaaaaa aaccttcn 798

```

<210> 3813

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 3813

```

atganncttt tacaanctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
gaggagaatc ttatatTTTTT aaaattgtcc ctatgttaaa tccagatggg gtcattcaatg 120
gaaatcatcg ctgttcttta agtggagagg atttgaatag gcagtggcaa agtccaagtc 180
cggatttaca tcctacaatt taccatgcta aggggctgtt gcaatacttg gctgcagtga 240
accgtttacc cttggtttat tgtgattatc atggccattc ccgaaagaag aatgtattta 300
tgtatggttg cagcatcaaa gagacagtgt ggcataccaa tgataatgca acttcatgtg 360
atgttgtgga ggatacggga tacaggacat tgcctaagat actgagccat atcgccccag 420
cattttgcat gagcagctgt agcttcgtag tggaaaaatc taaag 465

```

<210> 3814
 <211> 516
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (516)
 <223> n = A,T,C or G

<400> 3814
 ttcatttann ctnttttttt gcaggatccc tcgattcggga agagcttctg caggggctga 60
 gcagacccca gggcctctta gccaatcccc gggcctgggtg aagcaggcga ancatatggt 120
 cggaggccng caactacctg nacttgccgn caagagtggg caatcttttn tgtctctcgg 180
 gaangnccca annctcctcc cccaanttga nanaaaaagn aagtnttggt naaccancn 240
 taagccataa gttcccctgg ggcccctggg ganaaagnct tcaatcacng ggccaagggc 300
 ttctggcccc cattnattgn cttggacaag aactctgggt cacaagtctt gctnggtctt 360
 gctgggggaan ccnaccnga cattgggcn cagacttgct ggtcttnttg ggaagaaggg 420
 caagacccca aaccaagatc caaatacac ttncagctct taaccaaggc ttnccttcaa 480
 gtcacaagtt gttgccngaa atcagtaaca agaagt 516

<210> 3815
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (461)
 <223> n = A,T,C or G

<400> 3815
 attcattnca cnnctgggtc tttntgcnag atccctcgat tcgaattcgg cncgagagct 60
 ggggggtgact acagctcacc tgcagctggt gagcaacttc aangcgtgag acccaggtgg 120
 gccgggctg gaccctgtg ccatggcaac nntgatattn cagangtntg nnntangcnc 180
 atnactgttn nnggtnttn tctaggnggc cttaantttn cacatcnntn tnttcgnta 240
 gnnnaaatgn cctcntatna gcatnccttc cttcncctgan tgntnnatga gagcatgatn 300
 tataatgct gaaagancct gggtnngnga ttatnnntna gttaataaat nattctnanc 360
 actatcacat gntgantgcc ctncnncnc nccngngna aagagaanac tgacaannng 420
 gnntantnt antncctngc caanancnnn gttaccagcc t 461

<210> 3816
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (466)
 <223> n = A,T,C or G

<400> 3816
 tntacgttca agctcttctg ctttttgcag gatcccatcg attcgatgag cttattaggt 60
 attttatctt tcaaaaatat atgtncctaa ctgtgtttgt ttgtttcctg actgtgaaca 120
 ctgaagagga ctagatcaaa aatgaccaat tgagtagcaa ttgaacattt acagtgtctg 180
 gtgcagtga cttctgtagc acccaaattg tggggttggg gaaaaaccat tccaccttaa 240

```

aagaaaacca agcctttctg gcaaaattgc tgattctagg ttttggccaa gaaatgtaca      300
tgctgactgg aacattgcat aacagttagt aaggaggctg ttaaagacta tttagggtca      360
tttcagaaag actggagaaa tgactgtaga attccactg gccagagat cnggtagaaa      420
cctgtgaagt gtgtttaaat tcttgagttc ataatgggta ttttaa                      466

```

```

<210> 3817
<211> 459
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

```

```

<400> 3817
tgcctnncag ctcttgttct ttttgcagga tcccatccga ttccaattcg gcacgaggag      60
aaactgcatt ttgggggggt ttgaaatcca aagaatgcag tttgtaggca gtcgagatcc     120
ttgaaaaatc aagatggatt ttaataatgt attaagaata aattggattt gaatcaacac     180
aggaaacagg gattttactt agagactatt tcagtaattt tgaaatcatt gccaagatt      240
gtagttgggt tgtttataat gggtaggtta tttatttgtg aatcccaaat gtntcccatc     300
aacattccat tgaataattt acaaaagcaa acagcagggg tttatgtttc tcttctccta     360
gttnaatatt gtggcagcat atcatacttt gttttagact aatttaacag gagttaatgt     420
ttccaagtaa atcattatta tctaaacagt gtctttttt                      459

```

```

<210> 3818
<211> 465
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

```

```

<400> 3818
nnntnntan tcaagctact tgttcgcagg atcccatcga ttcgntttca tncanggggt      60
anatgaaaag gcngaattga ttttattnng agccgtgnga cgtgccgtca gaggetntct     120
gtnttctctc ctcaattcag cgcnnantgc cacnccaan aaacgggatt ctaccngnct     180
gnnngcncgt ccgnnctgct acctcnngtg cccatgcac gnntntcacn ccaagaaaga     240
ggctnccttn ctcnnntnct tcattngtac atagacnaat ccaaaaaaaa nnatgaacnt     300
nagcgcaaga gncnttgact cccagggaga tancgacngt agctcttctt cctcaaaata     360
atgcatgatg atgcngcata cacnttataa ccaaantatg ctngccttnt aagcnnacgn     420
ctgtccttcc nacactatna gaggcngaag cnnacntgat ctctt                      465

```

```

<210> 3819
<211> 469
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(469)
<223> n = A,T,C or G

```

```

<400> 3819

```

tannatcctt	ancnnnnnnc	tacttggttct	ttttgcagga	tcccatcgat	tcggcctaaa	60
attagagaat	tatctgctca	gtccttattc	ctgcagaata	caaatgtcac	attctaacct	120
gttaagagat	tgtcttcaaa	ataaaactgt	tattaactac	attaatgtta	gacaaagtac	180
acttttagggc	aaaaggcatt	attagggata	gatttcataa	tgatagagtt	ctatagtaga	240
atatagtaat	gcaactgaac	aaaatgaagc	tcattccact	gcatggaaga	atctcacaga	300
tgtgatgctg	aacaaaggaa	gccacgtaca	aacacttact	atataatttt	atgtacatca	360
agttcagaaa	caggatagtt	acctttggga	aggaggtaac	tgaaagagta	tgaggagggg	420
tttctggtat	ctggttaatg	tactttgtac	cagttaccca	ggagtgttt		469

<210> 3820

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (462)

<223> n = A,T,C or G

<400> 3820

gatnccaatc	anctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgaga	60
caaggacaag	aaagaaagta	cggttgcaac	ggctggctcg	catgcatgcc	gacatgatgg	120
aggatgttga	ngangtatat	gccgngaca	tntgtgcatt	gtttggcatt	gactgtgcta	180
gtggagacac	attcacagac	aaagccnaca	gcngccttcc	tatggagtca	attnatgtnc	240
ctgatcctgt	catttcaata	ncaatgaagc	cttctnacao	naacganctg	gaaaactttt	300
canaangnat	ngnccggttt	accagagaag	atnccncatt	tnaagtatac	tttgacactg	360
anaacnnnga	gacagntctn	tctggnatgg	gagaattnca	cctgcaaata	tatgctcana	420
ngctggaaag	atgagntntg	gctgncttgt	ntcacaggaa	ag		462

<210> 3821

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (464)

<223> n = A,T,C or G

<400> 3821

cttnnttaga	tacagctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggattcacc	ttcttggttct	ttaaaagtca	aaaggctttt	tgacctttaa	ataactctta	120
catctggtca	tcactgttga	aatgtttctac	taaaattttca	gagtggaaaa	gttttaggct	180
taaaactgac	tggtaaaaat	agaatatttc	tttgtattga	tttttcagta	tagctgtaca	240
gccagttatc	cttcgttaag	tgtttcggta	ttaaaactgc	tcacatttgt	aaatattgag	300
cagctttatt	gtcagaacaa	gaatcccttg	gtttcccaat	ccccaaactt	taacattgta	360
attaaacatc	ctgtataacc	tattttattc	tctgccaaac	aattttatga	ctgctgtttt	420
tactctttgt	gatgaaaatg	ggatggagaa	gataagggtc	tttg		464

<210> 3822

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 3822

attncaatac	aagctacttg	ttcttttttgc	aggatcccat	ccgattcgaa	ttcggcacga	60
ggcantagct	gtggggatgg	agaaaagtgg	acaaattaat	tagagagatt	tagaggcaga	120
ttggtgattg	aattgagcag	ggcagtgaga	ggattcccgag	gtttctgact	gaggtgtcta	180
agtggggatg	gtgatgaaag	ggggaatatt	gggagaggat	cacgtttgga	gggagactaa	240
ggcaccatca	gtattctaga	gattagaggg	ctgtgagaga	attgtgatan	gagggattta	300
ctctttggca	gatatccaag	cgtggaaggc	ctgtttgatg	gactgtcctt	gataatcaca	360
ggcagggtata	ncctcaaggc	tttgaggatg	gctctaaagt	acatttcaaa	caccacctcc	420
tccacaaagc	ctttctacta	caactccatc	ccctgagtag	agt		463

<210> 3823

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(470)

<223> n = A,T,C or G

<400> 3823

anaatacctt	tacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	nananataan	60
aangnnaaaa	tncagcaatg	gtncacaggg	tnncnctaa	nnnatctgcc	tgctgncatc	120
agagccnatg	tnctgggcnt	nntntctggg	gntacattat	ttaggccant	ntatcanggc	180
caacccctcc	anctgnctan	tagangccat	gnccactngn	taattcaagg	gcccagctcc	240
aggnnnngttt	ncttctctng	gggancatca	gtnncttnt	nnntaccacg	ncattcccat	300
tngcatgttn	tngccgctnn	tcttaataga	taatatnnaa	accctnattn	ctcncgctna	360
ctaantacca	tcattnatnn	agtaaaanat	ctnanaaaaag	nngncaancn	agnngntnnt	420
gatnctnctc	ctccccctccc	ccacctgtgt	ttttaanaga	caggattccn		470

<210> 3824

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 3824

ttanttcnat	acaagctact	tggttctttt	gcaggatccc	atcgattcga	attcggcacg	60
agaattcata	aaaggagtta	gttgacgtca	tgtgtggcct	tgtctagaag	caaaaattat	120
aatatcaaaa	gctctacgta	tgaattgggc	cttaatgtct	ttgtactcat	ttattctttt	180
attgaaaaaa	agctctaaat	gcctattttg	tgtcacataa	ttgagatttg	ctttgaaatg	240
tctgattctt	tactatagta	ctatctgagt	tgttcacagt	ggtatgggtga	tccatactct	300
gaactgttcc	attatctgga	attaaaaggca	tataataaaa	agaaatagac	tgtatttagt	360
ttattctagt	gtaataaatt	gaaaagtaaa	tagatgatta	gaagcaagtg	ttccaaataa	420
aaatttatca	gcagtataac	aattctatca	ttcattccaa	cttgg		465

<210> 3825

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(460)

<223> n = A,T,C or G

<400> 3825

```

cnttgnttcg atacagctac ttgttctttt tgcaggatcc ctcgattcga attcggcacg      60
aggagagtct cactctgttg ctcagggttg agtgcaggca tgtgatcata gctcaccgaa      120
gcctcaacct cctgagctca agtgatcctc ttgccttacc tcccaagtag ctangaccac      180
aggtgggcat gaccacacct ggctaagctt aaaatttttc tgtatangtg gtgtctcact      240
atgttggcca nactggtctc agatgcctgg gtcctatagcn gtcctcctgc ctcaaccttc      300
caaaggctgt tgattgttta aatacgaana antttagaan atatannttn acgcacttaa      360
ttnttagtct ggtgatatac catccaaaan gcntctnatg ctgggcacng ttgantcatg      420
cctattatnc cagcacttng ngaggccnan gcnggangat                                460

```

<210> 3826

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 3826

```

nncnntttga ttcnatacan ctacttggtc tttttgcagg atccctcgat tcgaattcgg      60
cacgaggctc aatcaatatt tattgagtgc ctacgacata tcaggctcag ttaggagctg      120
gggataaagc agtgaccaa gcagacacag ttcttctctc agtgagatta taatccagat      180
gggataggct ataaataaag gaagaagtta acatatatca ggtggtggtt agtgctgctg      240
agaaaaatga aggaggggag agagaaaagg ggatgccaca aggctagggt agagagttct      300
gtttcataca gtggtaaaag aaggcctttg tgttgagtgc tttgctctgg aacgacttta      360
ggatggggaa gagggcccagg tggcacctag acatttgaaa gtaagggtctg aggctgcatg      420
tctctacctt tattttcttt catgtttgcc tttcatggat tttttttcta tgtatctaga      480
attaaatata gaactagggt gaaatatccc tcaaaaatgg tatgggagca actattagaa      540
tgaataggac tcttggggcc aatgggatgg aatgtctggt tctggtcaag aggattgatt      600
ttgatactgg aatagaatat tcacatatat ctccccattg cctgactnca atgggtgcct      660
agctttccat caaagtggga cttggtgagg tggggatgtg gatgcatatt aattaaggta      720
cagctggcac cggcttaaat agaagggaag g                                751

```

<210> 3827

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 3827

```

tnncnttcan acangctact tggtcttttt gcaggatccc atcgattcga attcggcacg      60
agaaacgacc acctttacga gaattctttg tcgatgactt tgaagaatta ttagaagggtg      120
agagaactct ttaccacacg tttcttccag atgctcctat ggtcccgtaa acaatgatat      180

```

ttttttctgc	aaggctat	tactttttaa	gagcagtaat	cgtggcattt	gccgcatgat	240
gggaacccan	gtagggagcg	ggtgatgttc	ccaggcagcc	ttggtgtcgg	caggtctcta	300
aacctgggtg	ttagtcgtcc	tctgtgggag	ttgattttgt	tctgtgaccc	aggtcagggtc	360
tctctctaag	aactctgtaa	gagtatagaa	atacaagtaa	agtataaaca	tgtagaaaaa	420
caagtaaaact	ggggaaatcc	ttcgtctggca	gcaaaaactgg	cgt		463

<210> 3828

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3828

gcnnttgntt	nnatacanct	acttgttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgaggagtt	ctcttgtgtt	ttactctttt	tacagtgaaa	ccagcagtg	gtgtagcagc	120
agtgaactg	ggctctttac	caatgatgaa	gggcgacaag	gtgatgacga	acagagtgat	180
tggttctatg	aaggagaatg	tgtcccagga	ttcaactgtcc	ctaactcttct	gcccagtggt	240
gctcctgac	attgttctga	agtagaaaga	atggattctg	gattggataa	attttcagat	300
tccacattcc	ttttaccttc	tcggccagct	caaagagggt	accatactcg	cttgaatcgt	360
ctacctggag	ctgcagctcg	atgcctcaga	aaggggcgaa	gaagctgggt	gggaagggtga	420
tacctctcac	agttagcttg	gctcagtggt	gagataatat	tccctatggg	agttgtgtat	480
cctattaaca	atcagagggtg	ctacagaact	ccctgaagtt	aatggagcca	actggaatgt	540
gttgggagtt	tacaagagtg	aacattatgt	agcatgtgaa	tggatataca	aataaaaagat	600
gaaacgtaat	tcatatagaa	gtactgacaa	aaaaaaacac	tgtcattaca	gtgtctattg	660
cctgtaaacc	tacaagcctg	agctgggtctt	ctgtaacttt	tgattaatgt	tatgttatta	720
ttgggtaagt	taaaatctct	tggcttn				747

<210> 3829

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(468)

<223> n = A,T,C or G

<400> 3829

tttctttttt	gtaaacccta	cttggttctt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggtaaaa	cacccctac	agttccaatt	ctgggcctgt	cttctatcta	tctttgccct	120
tctggtccgt	tcctgtttct	gagccccagg	gaacttangg	ctgaaagtca	ccccgaagc	180
ctcagaccag	atcgggaggc	cacacgcagc	tcatggggac	agagggccca	gggtgacggg	240
ccactcatga	gaagtgttat	gtgactncag	ggagtctgtc	cctcttccgg	gctccaatcc	300
ccagcccaag	ctcagatgac	ccagcctgtg	tcccttttagc	ggccgangag	ccaccacctg	360
ttcgggggct	ggaggatggc	ttccaganga	cctgggacac	tcacctagct	cgttcatggc	420
acggcggtac	tcctcatcaa	aggacaagct	tcataacagc	acangtgg		468

<210> 3830

<211> 467

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

<400> 3830
 cnttgatncn tatacancta ctcnanctct tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg aggggggtctc ttctactgtc ttattggacc ctagcagtgg ctctgagcca 120
 gcagtcctgt cagttgattt cttggtcgtt cctttgtttt cttctataat cacatgtgga 180
 ctccagaatga attttgagtt actctgaaat ctatttattc aacagatatt tacttagtac 240
 ctectattgc cagactctgc tttatgttgg atattatttt ttaaaagccc acctgccta 300
 gatttctca aaggaccagg tggcttcctt ggttttgaaa gaccctaatt cttactatga 360
 tcttaagtaa attatatcct ttctgtgggc tcaagttctt tctaagaggg ctctttgggg 420
 ctacaaaaga aattgttagt gcaaaaagag tttataaggt ttataaa 467

<210> 3831
 <211> 471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 3831
 tntttnanta cttnnaantcn natacangct acttggttctt tttgcaggat cccatcgatt 60
 cgaattcggc acgagccgag ctgacaagtc aactctaagc acttatctag aagactgtaa 120
 atttgacaga gagcgaatag aactgttttg cacggaatat cagaataata agaattccct 180
 agaaatccta ctgggaagta taggcagatc tctccctcat ataacggatg tttcttggcg 240
 cttggaatat cagataaaga ccaatcaact tcataggatg tacagacctg catatttggt 300
 gaccttaagt gtacagaaca ctgattcccc atcctatcca gagattagtt ttagttgcag 360
 catggaacaa ttacaggact tgggtggggaa acttaaagat gcttcgaaaa gcctggaaag 420
 agcaactcag ttgtaacttg ggggaagttaa cgatccgccc gagtgcagag g 471

<210> 3832
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

<400> 3832
 tataccattt tgaattcnna tacaagctac ttgttctttt tgcaggatcc catcgattcg 60
 ctgctaaaag gcggatagat gttcagttcc tccatgaaat gagatttagt tcccatgtaa 120
 tggcattttc cataataact gctgatatca tcaaggtaaa gagagctgct tctcctaact 180
 acccatgaaa gaatttagct ttttatattt ctacctctcc catatagttt aatctctccc 240
 cactgcgagt atgactgact ccaagggtatt gaagtctgtg ctctaattgg gaattcaatg 300
 aacaagactt cagtgaatga acttttttag ccatattata taaaatgaaa aaggatctgc 360
 tctcatttgc aatctcctgt acaattgctc ctgaacagta gtacagaatt gtagagatag 420
 cacattatgc aacctggctt tttatctgag acatacttaa tgaaagcaca 470

<210> 3833

<211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3833
 ntcnnttggg ttcgatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgagccc ctgtgcccct tccccaggaa atcaagtect aaggaataag agtttggttg 120
 acagagttga gccttgagg gacacaaaac attgtaatat ctaagatttt tttcatactc 180
 tcccagaaag aaccaatttt caccctgggg tggcggggtg gtaaaattgc ccctgttcag 240
 aatacatgct ctaataagcg gcagccatgg gatatttatcc taatactgag tctagatgcc 300
 aaatcttttt caccctgtct caaaacaaaac aacaacaaca gcaaaaagat cactttggct 360
 gtttttatatt ttggctgtta tgtgaagaat gaattgcaat ggggcaagag tagaagcacc 420
 aggagaaaag caaatgagtt ttgaataaat attttcccct atctt 465

<210> 3834
 <211> 469
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (469)
 <223> n = A,T,C or G

<400> 3834
 tgccttttga ntacngntac aagctacttg ttctttttgc aggatcccat cgattcgaat 60
 tcggcacgag aaagcatgtg tgttgggggg tgcgtatcat ttaccatgt gataagcact 120
 tttcataggt agcaaagaca cattatgtaa acttaggagg agggagagaa tgcaaatttg 180
 catgtgaatt ttattttgat taatcgcttt ttttgctttt cagcaatgtt atttatgaac 240
 aacaaaatta tagaaaaagt gagaaaaagt caattatcaa ttattttctg atgaacaaca 300
 acaaagacaa aaaaatgggt ggattgattt attttcccct gacagaattg attgtttctt 360
 taggttctat gcaacttgca gactcactga ggggtgaatgg aatgtgctga aaattcagcc 420
 tgacttggca gctccaaggg acacacctca atgtagagaa agcaggaat 469

<210> 3835
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3835
 cnncatntgg ntcccgttcc aagccacgag cccattttgc aggatcccat cgattcnaat 60
 tcggcacgag gcacaggcca cggagagaga gaggccgggc ctggatgaag ccgtgggctg 120
 tggcgccgtg cgaggcccan catgcttgga ggaaaggcca ccgtggctgt caagtgttan 180
 ccagggcnng agccgggctt gtgtttctcg ctcantntna nccatctntn atctgnttca 240
 aagggnattc aaaannccng ggtcagattg tttcttggtat tacnctgatc gtctggcctg 300
 ccttatccac cctggaaagt tctaagcaga taatanntat gtggcatntc tgagggtttg 360

atgccccgag	ccgtttacaa	tatgcttccn	gactgaaagc	tgggccctga	ntnnctnngc	420
tgagnnctac	nttggaacc	acgttccct	cagnctcatt	atcac		465

<210> 3836
 <211> 1039
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1039)
 <223> n = A,T,C or G

<400> 3836						
ccagccanaa	nacngngana	aaaggncnga	cgananacaga	nnnecgannnc	gacgccngnn	60
gaanaagcan	anancacccc	cccaggcggt	ggaacccttc	anagncgacg	aaggcagacc	120
cacgancgaa	ccggcacgag	actgannaga	ncnggcncga	aaaagtgtgn	gccatactga	180
gacccacggg	cagccncncc	gccnctacag	ngncaggngg	accagggaca	ccncnggacn	240
gcgcannacn	gagaannaag	gaancnangg	ccggcacgaa	gggcaaggga	gggannnctg	300
cacgggacgg	canaacngca	agccagcctn	caagcnggca	aganccagcc	aggnggcggc	360
aaaaacaaga	aacagcccga	ggcncagccc	ggcncncaac	caggcccnna	ncaagaaaag	420
anaagcacn	gngcnggacg	gcngnaccca	cacaacgggc	acgnaaaaag	ggcngcccgc	480
gnggacacng	cnnnncatng	gaaaccacn	ccnggnaaaa	ancaccanaa	gggggcccngc	540
anaaaacccg	aacnggganc	aagngccann	cagnncgggn	aaanaggang	naaaaaacngg	600
ccagnnngcn	accgnggaaa	aaaaaaaacgn	cncnnnatn	gncgcnnenn	cnnncacggc	660
aananaccan	agcgggacag	acannganng	canacanang	cgancggaga	ananggaaag	720
aaggagagaca	aaacagcang	annagcgaan	anggnacacg	cnacacgcac	agcgangnng	780
nancaaaagn	annncncgca	nnannagngn	gnangcaaaa	naacgcgang	agannagana	840
gnggacgcac	nngcncacna	ganggcgunc	ngacgnnncc	ccaaaacgac	nnacgnnnng	900
gagcaganaa	cgacgcacna	naaaggacgn	anganncann	nccnggaana	aagggnagaaa	960
nngnngnacn	anggcgacnc	caggagacaa	canangnnaa	agcnaagccc	cnagnacaaa	1020
agcaccaaaa	naancnccg					1039

<210> 3837
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (759)
 <223> n = A,T,C or G

<400> 3837						
gcnntttgat	ntncatacan	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagctg	ccttccaaca	aaatcgtcaa	gcgggcagag	gagttggtgg	ggcaggagtt	120
gccttattcg	ctgaccagtg	acaactgcga	gcacttcgtg	aaccatctgc	gctatggcgt	180
ctcccgcagt	gaccaggtgc	atcttcagcc	tgcattccct	tcccaggagc	caggccactc	240
cctcagctgc	cagaggctgg	gtccctgctg	gggccagggt	gggatggaaa	tagacatgag	300
caagacaaaa	tagcagatat	gaaactgttg	tccttgaggg	tgtcacattt	gggggtggga	360
caagggtggg	gagataggca	agtcggcaat	gtagaccagt	gcagtgggtt	gggggggtggc	420
cacagaaggg	agtcacagcc	tgaaacagcc	ctccacagcc	ctagaggccg	gctttatgat	480
tcccacttta	cagatgggga	aactgaggct	caccgtgctt	aagtaacttg	tccaaattca	540
ttaaactcct	agttattgag	tctctagtc	atgtcancca	tgggtgaagaa	cgggggagtt	600
aaacctacat	gtgttctctc	caagggcccc	gatcaaggaa	agcttttgta	gaaanangtc	660
acaccgcagc	ccacctgatt	taattatttt	gattaatctt	gaaaaaaaaa	tgaacctgga	720

gattaccagg gaaccggggg ccaataanga agtgtagct

759

<210> 3838
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (751)
 <223> n = A,T,C or G

<400> 3838
 gncnntttga ttccatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgaggca cgcagcacc actcagcacc tcttagaaga tgcgtccgta gtatatagta 120
 tgatttttcg aaggggattt tgctcatatt aaggggttgct ttagggatgt ccaggaaggg 180
 tcaggtaagg aatctttcaa tctgctttct aattggctta gttttccac tgtcttcgca 240
 aaaggacagg aatttccagg ttagtttgca gcttgcttt catcaagcga aatgctcatg 300
 ctgttgggta gatggtaata gaaaccttt gctaccttta tttatcaaga gttgtggagc 360
 cgaggaaccg tgtcttgagg gttgtgcagg attgaaactc acaaaaaagc ctgtttgaag 420
 aagttgttac ctatatattat tcaaggcagt tcacaagcct tatactaact ttgcgggggc 480
 tttcagttga gcttacatga ctgcgcttg ctttgtgcct tggcagccaa catttgccat 540
 gcaggaggct tcccagaaag gtteggattc ctcttcaagt ttgagaagcc tgactgagac 600
 cattctcagc atggcatgac ccgtgaatca ggaagtgaga atctggagta ctgctaaggc 660
 accttgtggg tggaaatgag ggtttgagat gccaacctt ctgtgccttc ccacaacttc 720
 caattgtttc cattgctcat ttgaccaacc t 751

<210> 3839
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 3839
 nccnntgaa tnccntaca nactacttgt tctttttgca gggatcccat cgattcgaat 60
 tcggcacgag atgaatttgt ctctgaggat attcaaagaa agcagcagta gtagtgtaa 120
 agggctccag ctaggccttt tcagttcttt cctatcattg ttaatgtaga caaccatttc 180
 ccagattttt gagataaatc aatttattta tttgcaatat ttacatgcct acatgggttt 240
 ttaaagttat tttaatgtat ttttaatgat taaaaaatta tgtcccgtat ttattagtca 300
 ttcattactt accattattt gcatttaate cttaaagcag aagtgtacaa aaaagagatt 360
 aatgtaaagc aaatcaatga ggattgaagc aaattaattc tctcaaaata aatatgtagt 420
 atcttttagat aatttggcac ctgctgagtt tgtcaatctt agcaaactag gccatttaga 480
 ggaaataatt ctgtctactt tttgagtgtg ttttttaatg cttttacttc tgggtgtgggc 540
 atgctggatt ttatatctt aaaaaccaat aaaatttgga aggcattgcc tctaaatggt 600
 acctaaaaaa tagaaaacac aaccntaaa tatgcctagt aattagcaca tattttatct 660
 catagaaact gattcctggc tggcctgggt gctcacacct ggtaatccca acactttggg 720
 angttgaagc agggggatgc ttgacccttg 750

<210> 3840
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 3840
 nccntttgat nccntacanc tacttggttct ttttgcagga tcccatcgat tcgaattcgg 60
 cacgagatta gatactatag taggttaata atgactaaca ccttggtcatc tcatcactga 120
 gcttttgtct aagatagtct ctgaatttag aactgggacg aaagtgtaca taataggcta 180
 ttataaaatt tttagaattg gattttctaaa cttgggggtca gtgaatctag caggcttaag 240
 cagtgttctc aggtttttct ggcacagaca aggaatataa gaggaggaga gaaaaggaga 300
 gacagtagtg ggagggaata gaatgagaga agatagaaaa tatggaatta atagagaaag 360
 gatacatgaa gtattacaag attttcttgg aaaaattggc atttcagtga tggatcaaag 420
 atgtctaatt aggcaaaatc tactattact taaatattta atgtttttaa gatttgagga 480
 taaaaggata tagatctgat ggcgttcata ctaattgctg tagtggtgat gttggagaga 540
 ggggtaattgt atcaagacag agcagacaga ccctttacaa tgagagcaga agatatgttg 600
 tttactgatt ctactttccc acaaaatgct aatgctttta taagtccctc ctccttattt 660
 tctagattaa ctcctgtgtt cttcctctaa accagangat tatggcagac aggcaaaaaa 720
 aaaaaaaaaa aactcgagcc tttanaacta t 751

<210> 3841
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 3841
 aaatacacaa caggcaagtg ccgtatacca ggaattgttc aaggagagca ggtagtttgt 60
 cttatattct aacgtgggag aaagaaagca aataaattac atgaattgat taattgatca 120
 gttgcatggc ttttagtata catttctgtc agtctgccaa ccagcacagg tcccttatta 180
 gcatgggaga agggcctgat cactgaaagt attatagatt tatagagtat tgaaaggaaa 240
 cttaaggaaa ttgggggcag tggcctttta gaaaacagcc taactccatc agtgacttct 300
 gcttgcttgt gcctctcata tgtgatctgc tactggcctt tgttacttct ctctgaaata 360
 acacaaaaat tatgttttagg gctctcattg acttcaactc caaaccatat gttacttctt 420
 ttaaaaacat aattttctaaa aaaaaaaaaa aaaaactcga gcctctagaa ctatagttag 480
 tcgtattacg tagatccaga catgataaag atcattgatg agtttggaca accacaccta 540
 gaatgcagtg aaaaaaatgc tttatttgtg aaatttgnga nctattgctt tatttgaacc 600
 attataagct gcaataaaca agttaaccac caccattgca ttcattttat gttcaagggt 660
 cagggggagg nggtgggagg ttttttaatt ccgggccgag gggcccatgc attgggcccg 720
 gtccccactt ttggtncctt tagngngggg naatgcccc tggcgtaaac atgggcatag 780
 ctggttctctg tggnaaatgg 800

<210> 3842
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 3842

ttatnctttg	aaacaencta	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggaaaag	gccccagaat	gggctngctt	gaactggaaa	aacacacttt	ctcatccctt	120
ttggaccacg	agcttcttga	gagcaaagca	tgtgtttgat	attcctttgc	tcaccctcag	180
gccttgtttg	gcaaattgcc	tgggatacag	aaaataagga	caaggctctg	gtgtagtggc	240
ttatgcctgt	aatccccacac	tttgggtgac	caaggcagga	ggatctcttg	aggccaggag	300
ttgcagacca	gcctgggtaa	catagtgaga	ccttgtctct	gcaacaaaat	ttaaaaatta	360
gccagacttg	gtgggttccca	cttgcaatcc	cactatattg	gaggctgagg	cgaaggatc	420
acttgagcgc	aggaatttaa	ggctgctgtg	agctatgatt	gtgc		464

<210> 3843

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 3843

gaaatcttta	tcantactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
ggctactcag	gagactgggc	aggaggattg	cttgagccca	ggaggttggg	gcttcagtga	120
gccatattca	caccactgcg	ttccagcctg	ggtgacagag	caagggtgcta	tctccaaaat	180
aaataaataa	atgttaaatt	tgcttttttc	tctctctctt	tttttatgta	gaatttgttt	240
gttgatactt	actgaatgta	gtgaccctgc	tgtggtaatg	aacacttcta	gtgccttcta	300
ggcttaaaat	accagacagc	cccaaataac	aaatgctctt	ttgtgttttg	ataggttgga	360
tttctgtttg	cttaatatgg	ggaatactgg	ggggaaaaaa	gatgggtgtt	tcattctaag	420
gattgtccta	aagaaagtgc	tactttatgt	ttaagaaagt	aaggccactt	gttatataag	480
aaataacaag	ttcccatggg	gtcccatttt	gcaaaagggg	ataaagaatt	agactgatag	540
catcatacga	ggcatatttc	actatacaaa	gtgttgtcac	ctgtctatac	aactctccta	600
cccagcttga	cctcactttt	catacctgat	gcagcaaaac	aattcaatgc	cataggagaa	660
ggaagcacat	ggttataagt	gactaacacg	atattaggca	atttgtccaa	atttctcatt	720
ttctttatag	gtaaagaaag	cattcttatt	tgattaaat			759

<210> 3844

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (954)

<223> n = A,T,C or G

<400> 3844

gggnntttt	tttggnnnaa	aaantttttt	ttncceccca	nnaaaaantt	ttnttttggg	60
gnaaaaacca	nnccccccct	tttacctnng	ggggaaaaac	ccttttncnc	cnnngggggc	120
cnangggggg	aaaaaccccc	ccccaaancc	cgggaaannt	tncccggggg	naaggcccaa	180
aaaaaanggg	naaggaaact	tngggnnntn	ccctcggggg	nngggaaaaa	aaatgggaat	240
ggtaaaaaat	ggggcccaag	ganntaaccc	aaggggncca	aatgggggng	ggggggaaag	300
aaaaaaagna	aagggggntn	ncncctcccc	taaaaaacnc	caccaanggg	ggggaagcca	360
anggaanttt	accccnnggg	caagggaacc	aataattaac	ccttggaatt	acccnngggn	420
acccgggcat	ctgggaaana	nggnnnacnc	atgtggagta	naacaanggc	ggctaataca	480
nccaaggggg	ccaagnnggg	cacacatnca	tncnngctcc	tggaaaccngc	atatgcnatg	540
ctctcctcta	gaacactngt	ccattngcca	ccggctctnc	acatgaccaa	ancctacatt	600

ggctccaaaa	atcnccangt	aaaatggcac	ttccccaaag	aaggggggaaa	ttttnnaaaa	660
cccccccccg	acgcaggcca	aannggaccc	cctggggtac	ttaancanag	ccatcccccna	720
ncaanacttg	gnagcactna	aaagnagang	gggggganaat	anctgggncg	gacaacacgg	780
cnactctnng	gctcaggatt	aagngggaaa	gnnggaanaaa	ctgggggtnt	caggacngga	840
ntccaaactct	aancgggggg	gttaaaggga	aaaaattcnn	ggactgaaaag	gggnggggan	900
gggggggaacn	ggctccagaa	aaaggaactc	cataccctcc	tttaatcaca	gaca	954

<210> 3845

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3845

tgttaggcaa	ctgatgacta	tacttatttc	acaactggta	atgtgaatta	ttattgcata	60
aactatagtg	ctgaggcccc	agtctttaca	cttccattta	ataacttcac	agtttcatat	120
cttcttgaga	tacttactaa	tttcaagtcc	catcttggtc	acaaggagtt	gtgaattaga	180
gaacaattaa	tatcaccagt	taaagaagtt	agattagaaa	tctgaaccat	cctaaacata	240
agaagtacct	gcactcttcag	agtcttatcc	caaagccgtt	ctgctaaatt	gttcaatttt	300
ctccatagca	gagctttcca	ggcccttatt	tggaagtgat	ttatctctat	gcacagttat	360
gtatggatag	tatacataat	actagcaagt	gttattacct	agtgttaact	ggtggngtat	420
ttacatcaaaa	atataactta	atztatcgat	atcttttttag	gggtttccca	ttaatcaaaa	480
cacgtgatat	atgtaatcag	ttgcangttt	tctgtgactg	ngacagtaga	gagtccttca	540
tcctctgaag	ttgaagaagg	tggatgattc	ttcanagagt	gttcatgaaa	gngcctggga	600
aaactagtnt	tgaacaagaa	gcattaccgg	gaaaactggg	aggagtgnct	aaagccnttt	660
aaaggaagaa	agaatgataa	ggcttaaggg	tggtaaaccn	antcaatgaa	cctgggacaa	720
tgaaaaagnc	ccccttttaa	aaaaaataaa	atttntnttt	ggtttggaag	cccttcatgc	780
ncaggcattt	gacnaaantn	aancccgggg	tgaaaaaagg	ggtttttg		828

<210> 3846

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1046)

<223> n = A,T,C or G

<400> 3846

tngttaagca	ttcaattttt	agatncattt	ntcacaaatg	catgattctg	gccctnaaat	60
ccgnatatnn	gcataatntc	ccnttcaggg	gggatacana	aatgggnnta	tgcacacact	120
antcngngng	cacgnaaatt	tctggtgggt	gnaactggtc	ggctnatgnt	ngtaaaatgg	180
ntcnatagac	tatctgnanc	acanngnann	tnttncaccc	tgatgttga	actatgaaag	240
atcctttntg	cgcttaattt	tacggntaag	gngcaagntn	ttggcctcca	aaccnatgtg	300
tntcataaat	gtgccanacn	taaattattt	ttgaactttt	tncagaaata	ctaaccatta	360
aanggangtn	ttcnagattg	gcaacntaat	ggcaagccct	ataatttgca	cacttatttc	420
ntgcaggnga	tggtatttgg	ttnatcaagg	gcataatctg	tgcccagaa	tcttttggtg	480
aataaattn	aaanaaaaaa	cccattttaa	aaaatgaagg	nggaaccatt	cnctttnaaa	540
atcaagcnaa	ttnggcttan	cnttttaaaa	ttaaccncct	gggttttatt	aacncggng	600
ggtaaaagttt	naaaaaaaaa	aaaaaaaatt	tttttaaaang	gggaaaaaatt	ttnaaaaggc	660
cntttaacaa	ngggggnaaa	ccttaaatcc	ttttccantn	aaaaanggnc	ccctaaaaaa	720

aaaaanggtt	acnttnngtn	aaaaataaaa	nttttttaac	ccccctttcc	ttnggggggc	780
cttttttcat	tntttaatnc	ccccaaaatt	tttttttttt	tttnaaangg	aggggggggg	840
nannnntaat	taanaacaat	naatttttaa	anaaanaacc	anggggggtct	tttggttttt	900
tgtttgcccc	caaaaacttg	gggaggtgcc	agggggggtt	ttttnaaagg	ncccccaatt	960
ctttancttt	acctggtaga	ngggaatccc	tttgcttggc	ccccattctt	tttgganana	1020
ggnttggggg	aatatttgga	cctttt				1046

<210> 3847

<211> 1021

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1021)

<223> n = A,T,C or G

<400> 3847

tacctgatgg	ttgnnttntc	ctcctgnget	gtcatgtct	gcttaactac	ctactctanc	60
agcaccaggn	agnaggaata	atatgtctct	ttcatgataa	actggcttgg	aaggccttnt	120
ttgtacatgc	aatgttgnan	cttcaggtnt	ccaaggtgga	taatgttggg	catnancatc	180
ttgctttggg	gcttgnntt	cnaagactca	tatgtatngc	cctttnttta	ttttnaagnc	240
ntctnantgg	ccccaccng	nngagttttc	ttgaatgctt	cnngagaaaa	tttcccanaa	300
anancgnctt	tnaccncaaa	cttccccctt	atgggntaac	tttancanta	aacccccgaa	360
ggancnttta	attcngcnaa	cccantanaa	aaanttgnt	cntttgggcn	ccaaantnnt	420
ttaggttaan	ctncaatgta	ncnannancc	tgtnntntct	tgtaaattnn	tcaccaagna	480
cnntnttgct	nattgnccac	gttccntnng	gnnggtccnc	tatttttggg	tttggttaaa	540
angaagggtc	ngncntatng	gggccncnng	naaaantgcc	ccnanntctt	cnannaagna	600
accttgnaca	accaannccc	ttcttnagna	nttcnnnaaa	ccanttgcan	ttggttcnggc	660
tngctttgta	atttncaagn	caattctttt	gnntaaccce	tngtttntnn	tnncagaana	720
gggaaattcc	ccggcntcaa	ttaaagggtg	gcctggcnan	gatttnanna	aaaannnnna	780
nnnaaaatna	tngnnggcct	ttttnaaact	tnnnnnngat	ggcggattta	cnnnagtant	840
nnccnngcat	gtnantagnn	annacatgtg	nnttannttg	ggaaccaanc	cccacctttn	900
nantggcgtg	nnnaaaaaaa	tagctttttt	cgggnaaatt	tgggcaggcc	tatgggnatta	960
ttgttntaac	atttattngc	tcnngattna	nnnttnacnc	cacnntcgcc	tctatttctn	1020
c						1021

<210> 3848

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (898)

<223> n = A,T,C or G

<400> 3848

tttggctcctg	gagtntnate	tacttactgn	catcttccnc	ggncnttgge	ngtgcctgt	60
tccatgccgc	ngtgaggcta	tatgagatgc	gccttgagc	ngcctggatt	tttngnntgt	120
aacacngtgg	gctgacttgt	gnntctatnn	nanatngccg	attatacaan	cnngngntcn	180
ctggncaann	actantgntt	nagagnnntc	tnnaaccenn	nccgctgtnn	cngctggntc	240
gancngangg	nettggtgtc	agtnactgnt	tccnttttnc	caggnnnnng	ccctnganng	300
catactntnn	tgctgtcnc	agtgtntnng	ggancntttn	ntcanngana	ngtctcncgt	360
accngnnaag	gaacatntnt	ggantgacat	nngngnante	tctngangta	tggggaaacc	420
canganngtg	gtcaataang	ggccctacaa	acatgtttng	gaaggctcct	anggcattng	480


```

ggnnaaacat ntncacnnnc tatacaagtg gcttnncaaa gngaaagcgg ttattcntnt 540
antaactenc nnnacnngac ccannantga ccncggcttg nnaccntggn naaccnntc 600
ntngaactac gggccnttaa ngaccaacca nggttggttc ttgccaccat tttcttntgc 660
canccacaaa cctggccttg ggnaaatddd ncggttgcat tantaaaaant ganggggggc 720
tanctgcttt tgggcccctt ttcnaccttn tttntgangt angntttttc ntttttntc 780
ncgnncantn gataagaata ncntttgggt tgaagttttg ggtnccaacc nccttctnt 840
naatttctnn tggaaaaaaa atnnnttntn tttnggcgna aatttgngnn angcttnt 898

```

<210> 3849

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (804)

<223> n = A,T,C or G

<400> 3849

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gaagttcaag taagatctca gtggtgacag gtctagctta tttcaagagc tgcacaaaag 60
ccacttaacc tggcaacaaa aagttaatgt gttgggtccc tttgggtgat tatattcagt 120
ctattaaagt tttgattgtg atgttttcat tgcagttttt ataccggata aaatgtattt 180
tagaagtaga acttttggag ctgaaatagt ctgcagaatg tagcttgaaa accacggcag 240
tgaactacta agggaaaagt tcagaattca agtctagact tcatcacttc atagctctgt 300
agcttttagg caggttcttt agcctctctt tgtctccgtt tcctcctgtg taaagtaggg 360
ataataaaag tatccatctc actgggatat tttgataatt aactgagtta acccatgtca 420
aacatttaga acagtacctg acacacagta aatgctcaat aaaaattaca tattgntata 480
ttgctgttct agtttataag aacagggtgtc agaatccagt tttgaaatga aagcccagaa 540
ctgtgagaaa tgatgggttt ctctattaga tgttctagga aataaggaaa catcaagaat 600
aatacagcca tgcttagaac aagttaaata tatgtccctc ttggcttttg actttctctg 660
tcacttccgt gctgggtctn ctctttccag nctcttcata ctctaactc tggtctcagc 720
ttctacttgg actcctntga agggatagaa aaaaaaaaaa aaaaactcga gcctttaaac 780
tataggggtc gnntacgtan ancc 804

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<210> 3850

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 3850

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ttcctacctg cnetggaatg ccccagagca cctggcctgg ctgaagcagg ctgtgctcgg 60
gttccagctt ccgcagatgg accttccacc cctgggggcc ccctggctcc ccgtgtgctc 120
catggttgct cagtacgcct cccagatccc cagctcacgc cagacacagc ctgtnctcca 180
gtcccagggt gagaacctgc tccacagaac ctactgtatg tggagaaca agagtccctc 240
cccagtcctt ggggcaggcc cctcggtcat ggagatccca tgggatgatc ttatcgctt 300
gngtatcaac cacaagctga gagactggac gccccccgg cttcctgttc atcagaggcg 360
ctgagtgaan atggtcagat attgtgtgta tttttttaa aacgatttga aaaaatatga 420
tgttcctttg tcgtgggaac aagccangtt gcanacgcan aaggagctac agctgataga 480
gggacgtttg gcaataaaaag cctttttcat ccttctgcaa acaattttcc cataccattg 540
cttcacatnc accggacttg gaagaggagc acagagtgtg cttnagangg gaggattccc 600
agcacannag gatctgattg cgaaggagct tttgctgagg gagctctttg gcgcagtgg 660

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ttntcgagca	ntcttgcttg	ttggggnaaa	gaaagaaaac	caagaggggt	tnaanaatca	720
gccttcacca	atggntgggt	tgaaagaact	caggangcct	tttacgggtt	ttaaactttc	780
cttnccctn	ttnttctttc	ctcagacttt	tagnggtntc	tttttcacac	tnttggaacn	840

<210> 3851

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (841)

<223> n = A,T,C or G

<400> 3851

tttattgacg	ggaagaggtc	atcttttttt	ccttctgaaa	acaaatatgg	attaattgcc	60
tcaaatttgt	ataagtgatt	ggctagtgat	tcttgttttc	agaagggaga	gtggtataga	120
tagaaaatga	caaagatggc	aatatacact	taatgttggt	attgtatggt	gttactgaag	180
tacttagatt	tttaaaattt	caaactcctaa	atcacttctt	gtaggagggg	tttcattaac	240
tgcaagtatat	acagttcact	acatatgggt	tgtttgagtt	ttttgtgtgc	tgtatttctt	300
tctgtttttt	aatacctggg	tttgtagata	tctaactctg	ttctcttttg	gttggttcaga	360
aactggattt	tttttttctt	aagcagtgtc	taatttggtg	tttttaattt	tgattcanaa	420
gtagtcaccag	ctcataggtg	ttcatactgt	tacatccaga	acatttgtca	ggctctctgt	480
cagctttcat	gtacatatgg	tatagaaacc	catggagtta	ggcacttcct	ggattttttt	540
tttatgagaa	aaaatctgta	tttaaaatgt	aaaataaact	tttaaaaaag	canggcncta	600
atatatatatt	cttnccgect	ttgattacca	aatttgtccc	ttgcncatgg	ttaaagatga	660
aattatcttc	ctaaaaaata	tcaatgggtc	ttggggaacc	agggggattg	ttacntttac	720
cataaccaac	nggttnccctg	gcaatggggg	tcatggtcaa	aaaaattttt	tgggttttna	780
aacttttntt	attnnccctt	tggtctgggtg	gattaagncc	aagnncaaag	ngccgaattn	840
c						841

<210> 3852

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 3852

gataatgaaa	ataaaaattt	tgtgggctct	tcatagtggg	tactttgatt	atgtgtgata	60
atactgtgct	gtgacaaata	atataatgaa	gaaattaata	ccaagattgc	tattctgaaa	120
gattaaacat	tctttaatac	ttagatcttt	catctgttta	tgtaacaaac	cctaacatac	180
aggcttaatg	ccttgcagat	attaacttct	ttactttaat	ctttgtaaca	gtcccatgaa	240
gtagggtctat	tattattaca	ttttccattt	gaggaatata	agacataaag	atattaacta	300
ccttgcccaa	cagctaatta	gtgggtggagc	ctacttttga	actcagacac	tctggctcta	360
gactcttttc	ttttattaac	cactgcacta	tggttacattg	tttttttatt	tttaacttaa	420
gtgtgttaac	cttgaatttg	aattatgttg	tattagcctg	gtaagtggga	tcacagaaac	480
gtgtccactg	cctagatggg	aagagatcat	ttgtctttca	tctttgcata	cttaacatca	540
aaatataaag	aagaacaaag	gaaatgttaa	tcttttaaag	cctcaaagta	taactccttt	600
taaaatgcta	atgattctgg	aaaatgggtc	gacctttaac	tgcttttagtt	gaacatttta	660
gacaggagct	aatattttta	acaaggatag	caggaatcat	atgttttatt	tctgatcctt	720
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ttgcaagggg	tgcccn					796

<210> 3853
 <211> 827
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (827)
 <223> n = A,T,C or G

<400> 3853

gcataatgtgg	gaagtgnngtg	tcccgtccag	gcctgtgcct	cggnccacag	caactgnnttc	60
gtgtgctgga	gacgccccaga	ccgacaggcg	aatggntcga	gtgcacctcg	atccgagtct	120
cagcacctag	actaattagg	atgacctcag	agatgctgaa	gagtaccttt	ggtcagcctc	180
agnctttttg	nttttggttt	tttttgagac	tgtgtctcac	tccgtcaccc	aggctggaga	240
gcagtgggtgc	gatctcagct	nactgnagcc	tnaacctctc	agactcaagc	tattctccta	300
cctcagcctc	ttactagct	gggatcacag	acatttgcca	ccatgcccgg	ctaagntttg	360
tactttttgt	agagacaagg	gtttgccatg	ttgccaaagt	ggcttcaact	cctgggctca	420
agtgatgcct	gcctcagcct	ccaaagggtg	tgggattaca	ngcgtgagcc	accgcacctg	480
gcctgttatt	ttttaattag	ctgnngaatt	tttttttcca	nataaaatat	tataaaattt	540
attaaaaact	ttattttctca	aganggggaa	cgnggaaata	ctaattcccc	aatgggttcc	600
ttttacatct	agaggtccaa	attttccnca	atngaaacnt	ttctttcaat	tttcggtact	660
ttttttggtt	ggtttngaga	anggaagtct	tgntnttgct	tnccaggctg	ggantacaag	720
ngagcccag	aacatgcccc	ctgnattcca	nctggggnga	caaaancccg	acnttttttt	780
aananaaaaa	nangnnnnnn	annnnaaacc	cgggccttta	aaattttt		827

<210> 3854
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (826)
 <223> n = A,T,C or G

<400> 3854

ctgaaagggc	agcgggcaga	aaccgggctg	gggctggcat	tagctttccc	tcctcccagt	60
ttctctccag	cgcagcagg	cacctctagc	ccagaaaaag	aaaactgact	ttctcttatt	120
tctgttttct	gctgtgcta	atctcctcct	gaagggttgt	gtggcttctt	gggactctgg	180
aaagaaactg	caggggacga	ggacaaaagga	aacagctact	gtagtactctg	cagctatgca	240
ggctctgtgc	tagccctgga	aaggcctgga	cgttcangtc	tgctgtgccg	ggggtaggcc	300
ccagaacaga	gcggtgggcc	catcgctctg	caccacagct	gccagggctc	aaaccttggc	360
tctgccttac	ctggccttgg	gatcttgggg	gatgcacagg	acactctgtg	cctcaatttt	420
cttatcttgt	aaaatggggc	aaatacctac	caagtcatag	gggtgatgta	aagtctannt	480
gagataatgg	agggnaattt	cttttttttc	ttactttaa	ttttggatcc	nttttgggtc	540
gatntttgta	tattgggggg	naattttctta	naagctngaa	agttattnaa	tgctgcttat	600
gagccaaata	ctngnccnag	ggctcttgct	cagatcattc	cagttaatcc	cacccaagan	660
cccaacagcn	caaggggttg	cttatatttt	tggggngnga	nggaactggg	aaccnagggg	720
gaagtcacgg	gnctttngcc	caaagttacc	cccgaagtn	aagcgtttta	aaccaagaaa	780
tttgaacccc	caagccaagc	ttgacnnt	ttggtttgct	tnggcn		826

<210> 3855
 <211> 812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (812)
 <223> n = A,T,C or G

<400> 3855

ctctcatggt	aatgccagtc	atgctcctca	gtcatcagaa	ccagcaaaaa	tactcctcac	60
atgtccttag	atagttgcaa	atgctccaga	gaggggtaat	ggcactgctc	ctacttgaga	120
accactggct	cctgtaactg	cttggcctag	ttctaacttc	taaaatgttc	tcctttcctg	180
agagtataat	gaagagccag	atactttgtg	atctttctat	cattcctctg	gcttcttgga	240
cttccttaat	gattgagctc	agatgctgga	gtcacatcgt	ctggctatga	aatcaagctc	300
tgccatttac	tgggtgtgac	cttgaacaat	tacttaatct	ctccgtacct	cagttttctc	360
agataaaatg	gagataatag	tgacatccac	ttatTTTTgt	gaagatgaaa	tgaaataaag	420
catgtaagct	ggttatcaca	ctgtccactg	gtggaggcat	ggtaattgna	tgaaggggat	480
gacgatgatt	gacnatgacn	atgatgatga	tgatggctcc	caaccttaag	ggcttattcn	540
agccagaact	tgaaattgac	cttaataatg	aatactncaa	aaaacacaga	caggcacatg	600
atntattaga	aaangnagca	actacggngg	gagtcaagta	aatnctaaac	accctctgcc	660
tcaatctgta	tggntttgaa	atgtccttta	nccgtcttga	tttttacata	tctatgaaaa	720
ttttgnggtg	catgggggtt	aaacaaaatg	gatgacttaa	gccnttggga	agtaatttca	780
taaacaacct	tgttgatatg	taataaaaaa	cc			812

<210> 3856
 <211> 835
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (835)
 <223> n = A,T,C or G

<400> 3856

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agggccacca	tcttatagct	gggcttgtga	acctttgact	tttcccagta	tatattggac	120
tattttgatc	actgctatat	gcttctagtt	cctcaatcan	natctgccac	agaggaggcc	180
ctctaaattt	tttgtggaat	tacttaatga	aatgaatgan	tgattattcg	ccttcacagg	240
attgtgtgag	accatataan	gtgtgtagag	cggtttgacc	tcccaccatt	gaaatgctcc	300
ttaccattag	catctaaagt	gattcactag	agaaatgtgt	gtgctctcnt	gacagtctgc	360
ttgttccacc	ttgctggaat	ctaaatccac	gagaatcctg	tggtcatttc	tctctaaaga	420
ataattacga	ccatntaagg	taatagctaa	agaatcnaga	cctgtaagaa	ctcttancan	480
gtacagtggc	ctgtgcctgn	agtcccagct	actcangang	ctaangtggg	aggattgctt	540
gaaccntga	gtttgnggct	gnagtgcctt	atgattgtgt	ctgcgaatag	ccactgcatt	600
acagcctggg	caacataagg	gaggaccatg	cctttggaaa	aaacaaacaa	cttnttggga	660
agtctcctaa	ataacctatt	tnaaagaggt	caacaatttt	gcccgggtggg	gttggcgngg	720
taaaggacaa	aaanttgcca	ttnggttttn	atntttttaa	ggnnnnaggg	ggngggggnn	780
ngnnnggnnn	nntaaannnn	gggcccnngg	ggcccattna	nttnggnncc	cngtt	835

<210> 3857
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 3857

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ggtgnttnnn ccttgaaanc ttatacanc tacttggtct ttttgcagga tcccatcgat    60
tcgctccaag gatcacagta ggatcctcgt tggtgacagt cgaggccgag ttttcagctg    120
gtctgtgagt gaccagccag gccgttctgc tgctgatcac tgggtgaagg atgaagggtg    180
tgacagctgc tcaggctgct cggtgagggt ttactcacac gaaagacgac accattgcag    240
gaactgtggt cagctcttct gccagaagtg cagtcgcttt caatctgaaa tcaaacgctt    300
gaaaatctca tccccggtgc gtgtttgtca gaactgttat tataacttac agcatgagag    360
aggttcagaa gatgggcctc gaaattgttg aagattcaac aagctgagtg gagaccatgg    420
tctgtagacc ccttcccgat tctcctgtcc cagcttggaa ggcattgaaa acagtctccg    480
tttacacatc tcttcatacc acgtgtttga agtggttaaaa ttcaaagga tcatgaata    540
aaacgggtgt agagtacagg aatggggcag acgcgattca ggtgaacagc acaagaagaa    600
tatgangtgg ttcctaggag caacactttc gacctncagt ctctctgatg acagtactgt    660
ctncaagaga aaaatcctca cttattaact ctcttttctt gcctctcatt ttatagagct    720
actcatcctt atttggaata accancacca aaaaaggctt ttagaaaatg gt          772

```

<210> 3858

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 3858

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aggcaagagg gtcccgggta ggtggccact tcccatcat gctcgtttct ctttttgtgt    120
tttttagtaa naaaaacaca gtgtgttctt ttgccagac attaactttt agaatgcctg    180
tattttctaa tggtgggatt tctttcaca ccacccacct taatatttcc attgtgactc    240
agaaaatcag acttcattcg attctttaga gaactataaa tactgttgct agtagagtga    300
agtcttgtct tatgtaatcc taattacaga atgtgttctc agaagaggta ggctagacca    360
gagctgggca gaccacaggc agaggccaaa tccagccccc tgccgatagt agctaataata    420
agttttacac ccacttggtc atgtattttc cctggctact tgtgggcagc aatgccagag    480
tcaagtcac ataacagaga cagaatggcc tgaaagctgg atttactatt tcaactttta    540
cattaaaact tgatgacccc tgtgctagac aggcagctca tttctgcagg taaaattata    600
ttcatctncc aactttcatt ncaaaattga acctatatta ctgaggccca aaaaannnnn    660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnccctn ngccctttaa    720
aaccttttgg gggncgnttt nccngaacc nccctganaa aaaaccttgg tggagttggg    780
ccaanccccc nctttnaatg ccngaaaaa aattnttttt          820

```

<210> 3859

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3859

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ggtgnttccc ctttgaaacc ctttanacaa gctacttggt ctttttgcag gateccatcg    60
attcgaattc ggcacgaggg tgggcaggca gctgcacctc attcctgaga ccacccgggg    120
cagggtttt ctgactgaga cacacgaccc tgacaccaga gagaattctg tatttcccca    180
cccttgcagg ggctgcccct agagaatccc atcgggtgag ccaggaacc cacaagttct    240

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gcacccctcg	gatgggtagg	cattttgagg	gcatgaggta	ggcgttacag	tgataagata	300
cacagggctc	taaaccacag	aggccccggt	tcaaatacctg	cctcttctaa	gtacaaatta	360
gttggctttg	ggaagtgagt	caactttgcc	cgggctgca	gtttcctcgc	tgtcaaattgc	420
atgggagagg	gtgtgtgaag	agttaaaatg	tatttagatt	tcactgtagt	gtctcctcca	480
acatgatctc	acactccttt	tacagtataa	gcaggctgat	gtcagaggct	gtgactcgcc	540
ctgccaggtc	taagaccgtg	gggcgtggtc	acaggctacta	ttttangact	cctctnacca	600
caggcactga	acttggggct	tgcatatata	tcacccatt	actcctcaga	agatactgta	660
acgtaggatc	ttttattggc	tntattgagg	cttaatgcat	ccattttang	nggtacaatt	720
tgatgagttt	tgacaaaagt	ntaancttgt	aaccacaatn	nccganttca	tgacact	777

<210> 3860

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 3860

gnnntnnnc	cttgaaacn	ttatacanct	acttgttctt	tttgcaggac	ccatcgattc	60
gaattcggca	cgaggacaca	ttaaaagaga	gatatacaaa	aattggtgac	accaaaggga	120
atactcccat	tgaagctctc	tgtgagaact	ttccagagga	gatggcaacc	taccttcgat	180
atgtcaggcg	actggacttc	tttgaaaaac	ctgattatga	gtatttacgg	accctcttca	240
cagacctctt	tgaaaagaaa	ggctacacct	ttgactatgc	ctatgattgg	gttgggagac	300
ctattcctac	tccagtaggg	tcagttcacg	tagattctgg	tgcactctgca	ataactcgag	360
aaagccacac	acatagggat	cggccatcac	aacagcagcc	tcttcgaaat	caggtgggta	420
gctcaaccaa	tggagagctg	aatgtttgat	atccacagg	agccactcc	aatgcaccaa	480
tcacagctca	tgccgagggt	gaggtagtgg	aggaagctaa	gtgctgctgt	ttctttaaga	540
ggaaaaggaa	gaagactgct	cagcgccaca	agtgaccagt	gccttcagag	agtcctcagc	600
cctggggact	ctgactcaat	tgtacctgca	gctcctgcca	ttctcattg	gaanggactc	660
ctctttgggg	gaaggtggat	atccaaccaa	aaaaaaaaaa	aaaactcgag	gcctctagaa	720
ctatgtgagt	cgtattacgt	agatccagac	ttgatagatc	attgt		765

<210> 3861

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 3861

ggnntnnnc	ctttgaaacc	ctttanacaa	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggc	gagactgtct	caaaaaaatc	aaaaaaaaga	aaggggatgt	120
aaaataatcg	ctgcaagtta	cagtgttttt	cattaatgac	ttccaaatgt	ctcacatgta	180
ttgtctcttc	ccagtagcat	aaacaaagat	gcagggaggt	gcaatgagtt	cctacaggcc	240
ctagagctga	cggtaggggt	gggaatacag	ttcacaccgc	gtcttcagct	gtgttccttg	300
tggatgacat	ccactggaca	gccaattgat	aaaaacagtt	atcagttcta	aagtgttagg	360
acaattacag	cttattcaaa	gaaaactcaa	ttaaggagga	gttagtaaag	ctagtattgt	420
tcttatcgtg	tgcaatgctg	cagtgtcggc	tcactgcaac	ctccatgtcc	caggctcaaa	480
tgatcctccc	gagtagttgg	gactacaggc	atgtgccact	atgcttggt	aatttttgta	540
tttttttata	gagactgggt	tttgccatat	tgcccaagct	ggtctcaaat	tcctggacgc	600

aagcctggat	ttgcctggct	gccatttctg	ggttttgccc	caattcagtt	ttttatgaca	660
ggcagaccag	tgagtagaat	acagttcttt	ggataaagga	caaactgaag	cactaaaaat	720
ggagagtcac	tttaaagcaa	aaaccagtgg	aatgtgttac	ttggcttcac	c	771

<210> 3862

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 3862

ggtgnttunc	ctnngaacc	tttatacaag	ctacttgctc	tttttgcagg	atcccatcga	60
ttcgggaaaa	ataacatggt	cactttatga	aaggaagaac	caggnaaaaa	taatagaaaa	120
taatgaacat	gagtggagat	atagatgaaa	gctaaataag	cattcactgt	gtcttatcaa	180
gagtgactaa	taagctgaca	gctttatatt	agttctggta	agcaaattaa	tatcatataa	240
atcattacaa	tttggataaa	gcaaaacctg	ttatcaaatt	taaaaactgt	ttaataattc	300
aacactccag	tggtttgctc	tgtttaagca	aaaggattct	ggccaagata	ttttacttca	360
gctctctgcc	aaagatgaca	attgtcagtg	atttgtccag	aggggggact	taagtctttg	420
gtaaggatcg	ccaacagctg	gaaagtattt	attgcataaa	atatgtccat	gatactttac	480
caacattgta	gagaatgtaa	gctataaata	cagttatatt	acaaagagtt	tacaatctaa	540
aattaaacac	aagaatttac	ggaaaaatca	ccaaaacaaa	ttaaatggaa	atatcatttc	600
acaaggttct	ttaatttttg	gccatatatt	tgataataaa	tacatatgtg	ttntagctat	660
cttacttctc	ttcttattct	gatttnacct	nntgtggctc	cctgctg		707

<210> 3863

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 3863

tgnngggcna	ganacccgnt	ngggctgcaa	gggccggctt	gaccnaccgn	atnccggggc	60
ananatgcct	gtcnagnn	caaaggaagg	ttgtnnccgt	ttacgcctat	tggtggaaaa	120
aancccnttn	tngaaggctc	atcctcaaan	ngcnnntngc	gttcnccga	ctggccgttt	180
atnccaccnt	ggnaagagg	ganttnattn	nacccgctct	tttttanaag	annnnaaagg	240
ttcngcatnn	tggggcnnnn	gnncacactg	gctttgaana	gcnanagctg	agtgcacatc	300
accagatnnc	aaaatggtna	catgtcaact	gtggccgaaa	acngggccgc	actgncccat	360
ccgctcttcn	ggagnttgtn	ggccctttat	ncgcacnaaa	ttgcagcctg	ccggatactg	420
tattcacaca	ggctntgagg	ggggagggat	tgtnntcaga	atgcattaag	cgntttnaat	480
agcctgcntc	ngttgctttg	tcaantggtc	tnnacatgaa	tgcccgtccc	ctgaatatcn	540
ngtaatcatc	tatcnnacct	gggatcgcaa	nncgttaaaa	canaagggca	agtgcaggng	600
gtcgtactgn	gnaagagctc	c				621

<210> 3864

<211> 790

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 3864
 ggngnntnnn nnntttggaa ntctannata caagctactt gttctttttg caggatccca 60
 tcgattcgct cagcccccca gtttttatgt ggacatgttt tcatctctct tggatatata 120
 cctaggagtg gaattgcttg gttgtgtggc aattctatgt ttagcattcg aagaaattca 180
 ttgaatggta agctgaaaag tgacgtgggt gaattttctga ttccagaaag atcactgatg 240
 tgatgagaat gaataactct ctggagtgtt aggatgtggg ggcagggagc tagcttagta 300
 tattattgca aaatcttgcc aaagatgagc tgatcaaatg agaggaagca tgaactaaga 360
 ggggagcagc aggagtggaa aagagagata taatgatgct agtacagagt ttatatattac 420
 agaacttgaa atgcagctca ngagtgggag gagtcangtg gtgccaagcc tacataaatg 480
 agcatggtgt tgcttttgac aaatagggag aagcaganag ggggaataaca tttttagttagt 540
 tcttaatttc taatatgtct tgagataggt ctctaattat atgcagctca attnacagat 600
 gaaagttatt ggtttatcat gcattcatct ttatgaaaag aaaggattcg gccttgcttc 660
 ttccttggtta ccaaagtatt ggncagggct tgggcacngt ggcttacacc tgtaatnccc 720
 agcgcttttg ggaggctnan gcaggaaaaa tccttggacc ctgggaaggt naaggttcca 780
 ntganccan 790

<210> 3865
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 3865
 ancctttana caagctactt gttctttttg caggatccca tccgattcga attcggcacg 60
 agagtgacta cttagaagat gctgtcccca ccttcgcccc ctccctctag ttgccccaat 120
 gtcttacctc cccagcttc actcgggcta gtggagggtct tcttagactt ctttcaaggc 180
 ggaggattta gagtctgggg tgaagtggcg gtgatggatg gctggggagc tggggctgct 240
 gactcaatgg tgatacatca agcagttaat taagggacaa gttatcttct aagtgggagg 300
 taaaggattt tctgttcctt tgttcttaat gctcatatta atgccatttt ccctcatgga 360
 gacctcaggc tgtgcttaaa acgcttccat aattcctttt ggcaactgta gaggtcagca 420
 ttgtccactc gtgaaggaca caggtaagtc acagacattg gggcttctgg ttgttaaagg 480
 ccaagaatgt gggatgaaaa cccccgtgt ccccatagca agttaggggt tgctcancag 540
 ggctgttttc attcagacaa gcagctcatt ccaaaccagc ccagagagc cgcttcaata 600
 agccattgtc tgcccaagga ggaagaactg ttgtccaagg ctgtggntaa tgcatgacat 660
 tggtagttgt tccaacaagt caaaacttgg ttacagaaaa gcagcantga cnaggatctt 720
 ggaataaatg ccttggaccc angtgccaag gaattttcca cgcattn 766

<210> 3866
 <211> 1154
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1154)
 <223> n = A,T,C or G

<400> 3866

tattgatctc	acctgctttg	agtccatcnt	caattcgnc	agccnggtcn	agagtaactc	60
tgcactccta	gctgggttgc	cttaacaagt	ctatttaact	ttttcttagg	gtatttctaa	120
gagagttcca	aaatggaaaa	aaaatnctat	ggtggtntgg	aaattttaat	gaataataaa	180
ttcccatttt	aaggttaaaa	ataacccaaa	aaantaacca	cctccgtant	ccattaagan	240
catttttagga	agnaagtttn	cctttanctt	tnggggaaaa	agggtttttc	caattttttc	300
cccttnaaaa	tggganccan	ttccaacctt	gggaaaaaan	ccaaggccca	aggggggttaa	360
nttgaaacc	caaggaaagg	gggggttttn	ccccccctt	gggaaccctt	tttttgggaa	420
attaagggnt	tttttttaa	aaaaatttta	aattcccntt	ttaaaaaatt	ttttnaaaat	480
ncccccttc	cctnggggtt	ttccccctt	ccnttgggcc	ccccttttgg	gggggggnccc	540
tttttaaatt	tttaaaaagg	gntttttttt	tngggnaaaa	aatttttnaa	aaangggggg	600
gggggttttta	aaannttttt	gggggggaaa	aaaaaaaaaa	aaaaaaaaaa	nnaattttan	660
ttttaaaaaan	cccccccagg	gggggggttt	ttttnaaaaa	antttnancc	caaaantttt	720
ccgggntttt	aaaaaaatna	aaaaaaattt	tcccacaatta	aaaaataaat	taaattttnt	780
taaaaatanc	ccnccccctt	taaaaaaaaa	atgggaaaaa	aantttaatt	tanttttccc	840
ccaaaaaac	cttccaatta	aaanttttna	aagtttnttg	gnaaacccaa	atttttggcc	900
aatttttggg	aanaattttt	taaaaaaatt	naaaaagccc	ctnaaaacca	attcggggnc	960
cccctttccc	ctttctttca	aatnaaaatt	naattttcct	ccccgnaaag	gggncccttt	1020
ttcctttccc	tttgganggg	gccttggggg	aagcccnccc	caaggncctt	tttgcccagc	1080
ccccgnaaa	gggggggtcct	ggcaccctta	nnctnggggt	ttttnccttt	ccccctgggn	1140
nanggggcct	ggna					1154

<210> 3867

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (917)

<223> n = A,T,C or G

<400> 3867

gtgattccat	tngatacagc	tacttgttct	ttttgcagga	tccctcgatt	cgaattcggc	60
acgaggatca	caccactcca	ctccagcctg	ggcaacgaag	tgagaccctg	tgtcaaaaaga	120
aaagaaaaag	agaaaagaaa	agaaatctga	aggtcttgac	aacccttggt	ccccatcct	180
cctatgactt	tgggacctaa	atcagagctg	gccctctttg	taacaagggt	gtgggcccct	240
ctatttcact	gtantctgnt	ttcattccct	gcagccctcc	ttgatacgaa	agatgccagt	300
gacagggcca	ggcacttgtg	gctcatgcct	gtaatcccaa	ggaggccgag	gcngggcaga	360
ttgcctgagt	tcacgagttc	aaaaccagcc	tgggcaacac	ggtgaaaacc	cccggttcct	420
ttcntttggg	cccctaagat	acaaaaaatt	accaggcatg	ttggtgcatt	gccttgtagg	480
tccccaaacta	ctcgggggaag	gcttgaaggc	caaggaanaa	attggcnttg	gaaacttcna	540
gggacaacaa	naaggcttgc	caagttggaa	gaacaaagga	atnggggtggc	ccacttggca	600
atttttcttaa	gccccanggg	gcntttccag	ggaagccnaa	gggaactttc	ttggttcntt	660
cnaaaaaaan	aaaaaaannn	nnnnnnnnnn	nnnggggncc	ccctttnttt	taagnaaaaa	720
ccctttnttt	taagntnggg	aaaggttncc	cgnttaantt	ttnaaccccn	tttaannaaa	780
tttcccccca	ggaaaaccan	tttgggattt	aaaagggaaa	ttcccccntt	tttgggnatt	840
ggnaaaattt	tttttggggg	naaccnaaaa	aanccccac	ccaaaacctt	ttaggaaaaa	900
ntggggccaa	nnttggg					917

<210> 3868

<211> 847

<212> DNA

<213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(847)
<223> n = A,T,C or G
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<400> 3868

ttgatttcca	tncagntact	gctattgttc	tttttgcagt	atcccatcga	ttcgaattcg	60
gcacggaggt	gagnaacggn	gaatacgggt	aaaacccttg	gctcatggaa	agcatagcnc	120
aacataaacc	ttttaagcaa	accagcgcag	agttcccgtc	ataagtggcc	accatcttca	180
gaaaccaggg	ctcntgggtg	tntccanaan	tttgccagga	atztatgtta	ctttaaccca	240
ctttggtngg	gggaaaagct	tttgnaaata	gaatcataca	tgcatttggt	ttttaattac	300
agtgccgttg	gcccataaat	ggggnttaaa	tttatactgg	agcacatggg	cacccatata	360
tgggggtttc	cctcttgggt	caagggcccc	ccattggcca	anaancagag	tctaaaggaa	420
aatcttgaag	gttgaaaaac	cnttgggggg	aaaggnaaaa	aantcaaaat	tcccagtggg	480
gaaaaagaag	gaaaaatagg	gangggctta	aaccttgcaa	aaaaattgaa	aaanttgaag	540
gggtttgctt	ggtcnaaata	atcttggaa	ggggccctt	tttcttgcn	agaaggaagg	600
tgnaacaatg	ggagnacaac	atttcaaatt	aaaccattat	ttggtaaaa	cnttncctta	660
aaagtcaatn	gnccatncca	naaaggttgg	aaatgggagg	ggnnngtggt	ttctttccgt	720
tccaacttgg	ggagttcttg	gccaaaactt	ttttggaagg	ggcnttggtt	tctttttgga	780
aaagnaaatt	aaaaggttnt	tttgggaaca	ngggncaat	tggagtttnt	ggaatncccc	840
aatttta						847

```
<210> 3869
<211> 661
<212> DNA
<213> Homo sapiens
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<220>
<221> misc_feature
<222> (1)...(661)
<223> n = A,T,C or G
```

<400> 3869

nttgattcca	tnntntacng	ctcttgnctt	ntgcggatcc	ctcgattcga	attcggcacg	60
agatgaatgt	ggaactttta	tttttatcca	ttattttcaa	attggatcan	tgtcctcctg	120
atctattaga	tctaagacct	aagaggaacc	taccttggtt	tggctagcgg	gtacagactt	180
tcttactaaa	aggnggggtgt	atttctaga	atagcatntt	ctgttgagta	gagatgattn	240
tcaacaatgt	ggctgngtca	cttnncttca	aagtgattat	ngagtgtgaa	agtaagcant	300
tgtaatactt	tttaaccact	gtctgtgttc	ttaccagatg	ggaaaacanc	actcgtcttg	360
aaactggaag	ttcccagtc	tgggatgatc	tganaagggt	ttggaaggga	aaaaccctt	420
gttagagata	ttgcagttgc	atcacacacc	agcttgggtg	ctgcctagga	tcanctgctc	480
agtgaanagt	actcttgcta	aaccttacac	caccagact	atgcgatttg	gataagtaat	540
acttatcttg	acctgtgttc	ttttganggg	aaagaatgnc	tattgggtag	gattattgna	600
aaatgagatg	agatatcctt	ataaagtttt	agcatgatgc	ngcctcta	aatctgcac	660
n						661

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<210> 3870
<211> 803
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(803)
<223> n = A,T,C or G
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<400> 3870

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ttgaattcaa tacttgattc gattttcann cttggcggga tcccatcgat tcgaattcgg      60
cacgagagtg ctgggattac aggagtgagc cacttaggct agccctgaaa tgcttttggt      120
tttgtttgng ttttttggtt tttaatgaaa atacagggac atggagatgt ggaaagacac      180
cttgctttat tactggtggt attattatta ttactacagt ataattcatg tatcacaaaa      240
ttcacgattt ttaagcatac ctttcagtat tttttactat attccaaaaa gttgcagcca      300
gcagcactac ctaattccaa aatatttcat aatgccaaaa agcatgcctg cnctattggc      360
tgtcactctg caattcccc ttcttgaggg ctctggaccc aacccccncc cctttaaaaa      420
aaacttcttt ctttntgtat agatgtactt ggtctggggc accttcctct ttatnngaaa      480
aacaaaatgg gggngttttt ggggtttggg ttntcaaaan aaagggneccn caannattna      540
anaccctttt aaaccccgcc cnnnaccctt tanaaanttt ntnngggccc aaaaanaaatn      600
tcccccttta tngggggtaa cnnccaaatt tggnnngnnn taatttccca atttnanaaa      660
ccaaagtggg tttttnnccc cntttttttt anaaaccttn tttttnttgg aaaaataaaa      720
nnggccctgg cntaannna aaaacaagcc ttttttggcn accaattggt tttttttngg      780
gaggtnggnn aaaccatttt ttn                                           803

```

<210> 3871

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 3871

```

cttnttctac tntttctncc tggaaaaccg ncnmntgcag gacccatcga ttcgaattcg      60
gcacgagggg atttgaatgc ccatgaaata catttttttt tacttgaata tattcttgct      120
tcactttacc ctccataata tgttgtncat tagtgctgat caagtttaca gagttacatt      180
ttgctnnccct aaccattcag gcaggaatta aaatatggca ttgttaacaa ctgggaagaa      240
gctcatagn gatatnaatt anagtagata atgggtcacc ttgatagcct ctgnntacat      300
cacttgnata tgggcaaaat aattattacc tatacgtgta tttaaagctta atttncatat      360
aaacagtntt ttgaatctat gctaaaanag ataatatcta aaagngtgat cnttacgtag      420
tccttagttt atnagtctgn actncaaaaa gattctttaa taagcccggc acggaggctc      480
atgccngtaa tcccaacact ttgggagggt gaggcgggcg aatcacctga ngtcangagt      540
tcgagatcaa cctggccaac atgggtgaaac cngtctcaa ctaaaaatat aaaaaatagc      600
cccggccgtg gngggcangc acctggaaat cccagctac tcgggaannc ttgacgccan      660
gaaaaatcac ttgaaacccc aagggggcaa aagctgggag ggtaagccca aaanccgcat      720
tnattnggac ctcccaancc taagggggac aaagaaacgc gagnacttca atcttaaaaa      780
ncnnntngnc anttattgnc nnaaanggna atgnngnccc ggaaaaaaac cccc           834

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<210> 3872

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(970)

<223> n = A,T,C or G

<400> 3872

```

tgtnagacgt ttcaaggtea gtgtattagt ggctcatgcc taggggaagg aataacattt      60
ggagcaaaaca ggagacaaat tgaaaagctt caggaggaaa ggctaggaaa taagattctt      120
tgggcgagaa taaggacttt aaagagattc cacatattcc tgggaatctg aaagaccata      180
cacatgccta gggctgggca tgtgcttaaa aagacttgag agggccctat gctgtcacct      240

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ctgcctgacc	ttcaggtctct	gtgcaagcag	gaagtgaagg	ctaaggcata	gttataaact	300
gcatgggtga	aggttgaaaag	gtgtgtccca	acacagaaca	catctgcaaa	tgctacgagg	360
cattttgttg	ttccaagtgt	tcaaagaaat	cttttgaatc	actactgacc	actaagctaa	420
ccaaagactt	agtggccaca	cctgacaaag	aatacaaaact	aaaaaactaa	aaatgtagtt	480
caagaaaata	acaggctggg	cacagtggct	cacatcggtg	atnccagcac	ttttgggang	540
ctgaagcang	tgggatcttc	tttgaacca	aggacntttn	gagaccagcc	ttgggcnaca	600
ttggcaaaaa	acccccatct	tnttgnaaaa	aaaatacttt	aaaaaaattt	tgccaggggg	660
ccctgggtgg	gcnnccccac	ctttantagg	ttncccaagc	tttnccccca	agaaaggcct	720
tttaanggtg	gggggaagg	aatccaancc	tttgancccc	tttgggggan	gggtnccccca	780
gggccttttt	aaattggnag	nccccattaa	attcccttgg	ncccatattg	gcantcttcc	840
aaaccccttt	agggngngna	ccaccanac	gggggagg	naaannaaaa	attttttaan	900
tttttccna	aaaacntttg	gncccnccat	tttttttaaa	aatnaaattt	tttttccaaa	960
aaaattggtt						970

<210> 3873

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 3873

actgaagctg	ccaggcaagt	gaggaaccag	gagccgtcac	tgagtgtggc	tgggctacat	60
catagctcat	cacggagcta	cgactttggg	tactgcgga	agacctggat	aggcccagca	120
ttcgttctga	agatcacagt	tcacagaagc	ttttgcttcg	taaagataat	ccaaaggacc	180
tgagaccgc	ttttcctttt	cccttcattc	ccttgagagt	cagccataaa	cgggaatacct	240
gctaggttcc	aggaatgagc	tcacctaaca	gacagcaa	gtgtctgggt	agatctcagc	300
agagcccatt	ctgcaagacc	tggctgancc	agatgagagg	gtgggcccctg	tgctgggggg	360
ccttgggtca	cacacaggaa	ccaagacctg	gcttccaccc	cccagtcacc	cacttggggt	420
atctgctgga	agttatcgat	aggactgtgt	ggccaaccaa	gtgcttgtga	gatcactgac	480
actgcaaaaa	caaagcaaac	tgctccgggt	accaggactt	ccttcaacct	ggcaangggg	540
gtgcgctgag	gcngggcttg	cangtgagg	ggctgtatgc	ttcaggaact	aactaaaatg	600
catgcanaag	gtaagaggca	tgatgggagg	tggtcaagca	cacaatncca	tttgggagggt	660
tatttttgata	ctgcgatgan	taagggtaan	ggccccatgg	aatggggcta	anggtgggag	720
tgaacactgg	ggtgaataaa	ttttaaatca	attcaggtaa	aaaaaaaaaa	aaaaaactcg	780
agcctttnaa	ctataggggg	cgtnttn				807

<210> 3874

<211> 461

<212> DNA

<213> Homo sapiens

<400> 3874

tatccatcag	ctcttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgaggaga	60
aaagctctca	ggtaatctgt	atggcttata	agggaacact	gcagtccttt	ctgaaagggg	120
agctgtgaat	atgactgctt	tgtagaaaga	tgtcttagga	ttctgggtga	aaatttttaa	180
ttcccctcat	gtaggaatgt	cacagagtgt	acctttttga	cttagtattt	tcctagtaaa	240
atacaccctt	cttaagaaaa	tggctacaaa	gtcagatgca	tgtaaagtgt	ttcagcaagg	300
gtttattgat	catctgcttt	aggctgggct	ctatgttagg	tgccctgtga	ttccattcta	360
gtacctgtgt	tctcatagaa	ttgaatcctg	gtcccccata	tgacttttga	tgatattcac	420
actgttaatt	ccaataaaga	cagagtagac	aaacagaaac	t		461

<210> 3875

<211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 3875

cttggtgaag	ttgatgacct	ccaatagctc	ccagtgtcat	gggtacccag	tacgcattag	60
ctggtgttg	gttgattgag	acctggggca	gttcctgggg	caagaagcca	gatgggagat	120
gagatagaaa	gtgttaggag	ttatcctctt	tgccctggcct	ttgagaataa	cttactgtgt	180
gactttgggc	aagttccttc	cccactctgg	gcctcagttt	ctcacttggg	aaagcaagga	240
gtttgaccag	atgatcacia	tgggccttcc	tagctctggc	caccaagaat	ttgtgaacat	300
tagagctcct	ggtctggtgg	gtagagccag	agctgctgac	tggctctctc	gcctccagag	360
gggatttatt	ggacctcana	ggtggcaggg	ccctatggag	caccaactgc	cctcaacccc	420
accctgtgcc	caagactggg	aagggattga	tgtcaggctg	tggccatagg	tagcatgagt	480
tgcccaagga	gggacagagc	atatctttgc	tgangcttgg	ctgangggct	tatgatangg	540
cttgcaagtac	ctcacaancc	cctgtggggca	caagacaccc	tgagggtttac	ccaggccaaa	600
tatatttgat	tagcagggaa	aaaaaaaaaa	aaaaaaaaac	togaaccctn	tanaactata	660
agtgaagtct	attacgtaan	atccngacnt	tgaataagaa	tccattgggt	gangttttgg	720
acaaaccnc	aacttnngaa	tgcccgtggn	aaaaaaaaatg	cntttatttg	ggnaaattgg	780
ggaagcctat	tggcttttnt	ttgtaaccat	ttaanctgc	aattaaacan	nta	833

<210> 3876
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 3876

gtttgtgggt	gaatggtttc	acaccagagt	gggacccctc	attgcatgta	ctcgactagc	60
ttttcattct	tatcacactt	cccttcctat	aaagttacgt	atcttttaaa	gggaaattta	120
ataccacact	tcgctttctg	tgcggccttg	tgaaaatcag	gcaataacaa	ggacagcctt	180
attgccagt	tatgaccaga	gcatctagat	ggcactacta	gtggaatgtc	atcttgtcta	240
ccattcattc	attcattcat	gattttctct	accanacagt	tttggaactc	ctagaatggg	300
tcaggtggta	ggcaggcatt	gggaaaacaa	ggttttaagc	cattgtccaa	atcctcaaag	360
aactcacat	tttggctgag	gggccatggt	gagaggtgta	tagaacaag	taagaaatgc	420
tgtangagca	gagagagaga	aagaggccca	gagagcacag	tggcagagta	catctcatcc	480
agagaaacag	catcctgcat	cctccagagt	cctggttcct	tcagtttcat	nccctttctt	540
cttcttccat	ggattatgta	atacattgta	aaggttttaa	ttaattaaaa	aattgaaaaa	600
anncnaancn	nnnnntnnnn	nnngnnnnnt	tnnnnnnnngn	ngnnnnnnnn	tnnnnnnncc	660
nnnnnnnnnn	tnaanntttt	nnnttttnnn	aaaaannnaa	aancnaaagg	nnnnnnnnnn	720
ngnnnttnga	cnnnnngnna	aantnanaan	nnnnnnngaaa	aaaaanaaan	nanntnnnaa	780
ttnnnnnaann	ngnnnnnnnt	nnncnncncc	nnaannnnnn	ggaantnnaa	nan	833

<210> 3877
 <211> 1213
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1213)
 <223> n = A,T,C or G

<400> 3877

ccttttnaang	gggntttttt	tttttggggg	tttaaaaaaa	aaaaaattn	ccnnaaggn	60
ccccntttng	gggggggggg	aaaaattttt	tttttcccc	ttttttccc	ccccctttt	120
tttttttttt	taaaantttt	tttttcccn	aaattttttc	cccccttttt	ttttttaaaa	180
aaaaaaaaaa	aaaaaaattt	tttttnaaaa	tttttttttt	tttaaaaaan	gggggggtta	240
aaggggttta	anccccaatt	tgggttttaa	ngggtttttt	nggggggaaa	aaagggaaaa	300
aaacccttta	nccctttaan	ttttnaanaa	aaaaaaaccc	ccaaaanttn	antttaattt	360
gggttngggg	gggggaaaaa	aaaacccttt	ttcccccagg	gccccccct	tccttggggg	420
gttnaaaaaa	ttnggggtgg	gtgggtccct	tccaaaaaaa	tttttgggnt	tccttggggg	480
aaaaaaaagna	aaaanggggg	gggggaaaaa	ggtcctaata	gaaacccgaa	cttttttcaa	540
acctgggcn	attnccatat	acccaatggg	ttaaaacttt	ggattcttat	gacatatcc	600
tatgaaaata	ataaatactg	gccttttcc	tgcagaaagc	ctcagacctg	aatcagagaa	660
aatcatatgc	caaagccaac	tgccagtgtt	agacctcttt	ttncataaag	agtaaaggg	720
aatgctaaca	ctagtgggct	tattgagaaa	atttaaaggg	tgctgtagt	tttagaactt	780
aggctggaaa	accatatatt	agtgcacat	tttactacat	gatcttccaa	ttagatagct	840
tgtaatctgg	tccttacagc	acttgctgnt	ggtacatgtg	aagattttat	aaattttaag	900
gaaaggtgtc	tatgatatat	agtgaaaagt	gtgggaaaag	aatatagaaa	ataatattca	960
cttctnaaac	cattatgata	aaaatatttg	tgtatnggat	taagaataga	aaggggatta	1020
tnnggatgga	tctatttcaa	tttctcagnt	tatgggtngg	gccttncctt	ttttggaaag	1080
gtacccttgg	gttattgcct	attggaataa	aatggatatn	aatggggtaa	aaaantntt	1140
caaaaggncc	cnaaaaatgg	aaaatnccaa	aggaatttcc	cttcnttttg	gacctanttt	1200
taagggnaaa	aga					1213

<210> 3878
 <211> 972
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(972)
 <223> n = A,T,C or G

<400> 3878

tccaccctga	ctcagccttg	gtgcagagt	agactctgtc	tcaaaaaaaa	aaaaaggaat	60
cagtttggtt	cttggcagaa	atcaacataa	gggaatntga	caagaacccc	agtaggtaac	120
cctgagtgtc	caaggtccga	gcctgtgggt	ctcttttacg	gcttcataga	aaggaccgtg	180
ccctcacngg	aggggggnacc	caccggcttt	gggctttgtg	gggggtctta	aggtgnatgg	240
cttgcccttc	ttttntttca	ntcaaccac	accccaagct	ttttttggct	tgggcacttt	300
nangggggaa	agaagaagcc	ancccaaaat	ggagnaagaa	ttttaaccct	tttttaattc	360
tcccccaacc	ggaagccgaa	aaaatgggtt	ttcccccttg	gttttncaana	agnangggaa	420
agttaaccca	ntccccnttt	antgcctttg	gaacctnngg	gggggtttcc	ttttttggtt	480
nggggtgggt	tttgggtttt	tttncttttt	caaatttggt	naaattncct	ggtaattttt	540
aaaaaatggt	ttattggtcc	agccttgga	caccattggg	gnacaacntc	cttgaaaaaa	600
ggtngacttg	ggcccccccc	cccctgtttt	gggcccgtga	agttttccgn	accaccnggn	660
cttnaaaaag	tggtcccttc	ttgctttcgt	ctntttgttt	cncttgcttt	tgtaaaaact	720
ttnggtccca	agcttgaana	cattggcttt	gtaaaaacgt	ngaagagtca	atnccnaang	780
ggggttattt	gtcanaaana	acttgnccn	tgccctttan	ccgaangcag	tcnaatcntg	840
ccagttggat	ttttcttact	gngggaatga	caagaaacag	ggattnattt	tgcncttgcg	900
ganaattttc	cgggagtgnc	tntttaatat	tttnagaccc	gattctttga	catnttantt	960
gactccaaaa	na					972

<210> 3879
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (884)
 <223> n = A,T,C or G

<400> 3879

gggtaaatatt	ttgtttttata	acagtgattc	agtatatctg	aattatggat	tatatggcca	60
tagaactaca	agcaaaaagg	atacacaaac	aaattttgta	gttaagacaa	atctgttgcc	120
taagatcaag	aaatgtaata	gatggaggcc	atgtagaggt	tagaaattca	aagaaatcga	180
ggtcaaaaac	tggccaatca	taacggcata	gggattagtt	cctaaatttg	gtcacttgag	240
aataacagtg	tgaatagagt	ggagtgggaag	atgtgactgg	tgttgtttct	aaaaatgtag	300
aattgtcctc	ttagttgggg	tctaggtagt	ttttgagagg	tgaatataga	cactaacttt	360
ttgttttaca	actgaaatca	aattgattgg	taatttgcaa	caaaatattt	tttgaccccn	420
ccattttatat	cttaccatgt	atattatttt	cactnggntg	ataaagccta	tgactacctc	480
gtcagaatac	atcatttgct	aataaattag	ggtttactgg	tactgntgga	aataacccgt	540
ggcattctac	cctccgagaa	tctgtttcag	gtggctgcac	cctttcaaaa	tccantgggc	600
gtttggccat	ttgnaancct	tgtntttttt	ccgggggaaa	ccaccanggg	tcaagtttan	660
ttanggcctt	ggcccagtta	aggcctggac	cgtnttttcc	ccaattttgc	ttggntttgg	720
aaatggaatn	gggttttcat	ttaattnaaa	gaaanttgct	tgttttgggg	cccatgggtt	780
gtggaaaaag	naattcnntg	aaattgggcc	ggttttgaat	tanttttaaa	tcnttantcc	840
ttaagaaaaa	aaattttnga	ancnttttng	ggggccnttg	tccn		884

<210> 3880
 <211> 998
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (998)
 <223> n = A,T,C or G

<400> 3880

aanaaaatta	angngaanc	tttaaaantt	ggggcccttg	gancccaatt	tnacccaatt	60
ttttaanccc	cccaatttg	gaaatttaaa	aagggttncc	aaaggaaaaa	atttancctt	120
tggggggaaa	ngggggccca	aaaaaaaaaa	agggaaaaaa	ggaacccttc	ctttgggttt	180
anggnttncc	tttttceccc	aaggggggga	aggggggggg	gggggggaaa	aaaaatttgg	240
gttccaaccc	aagggaaccc	anggggggaa	tcccaagggg	gaagggttcc	aatttgggaa	300
ttgggaaccc	cttccaaggc	ccaaggccca	ccttttcttt	gggggaaaag	gccccaaaaa	360
cccaaatttg	aaggggccaa	ggtttttttc	ttttcaaaaa	ggggtattga	aaaagaaaaa	420
aataaattac	ttggatgcca	gccttttctt	ttttaaccaa	acaatgaatg	aagtgtgaag	480
atggaatcaa	gataagttca	gaaatgcatg	actttaatac	atgctaatag	tggagatggt	540
gcttaaacta	aaaacagaag	tcatgtgatc	caggacgcac	aatcctctgg	ctgatggtag	600
aatttgatct	gaaataggag	acatgctgtg	aaaccagtct	aggatggaac	agatcaggag	660
ggttctgggtg	agagtcttct	tcaagaagat	gatccgcaga	ataccatttt	gaatgtggta	720
aaaggagtta	taaacagctg	agagaataaaa	tctaactcag	gggaaataga	agtggtaaatg	780
tatgataagg	tcactctgaa	tatgatatat	ataatcatgt	tatgtaacat	tgaatattga	840
tctacccaaa	ttatagtgat	cttgagaaaa	gaatagagat	tctacagagt	taatttctct	900
tctttgggga	agtctcngat	actctaaacc	aaaatcatga	tatgtngacc	tgtcagaata	960
tgccaaaagat	actaatgntg	agtgtgcatg	gaatactg			998

<210> 3881
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 3881

tgtccctaaa	acttaagtta	ataaaaaata	ataaataaat	aaaaataaaa	aaataaaaaac	60
acattntaaa	gggggcaatc	cagatggcca	gtaaaccatt	gtaatagcca	gaaattggaa	120
acatatattc	attgacaaca	tttaagatta	taatatagtc	atataatagt	cctgatataa	180
caatggaaat	aaattacagc	tacacacaac	ataatggata	agtcttaaaa	agccacatgt	240
acagaataca	tacatgtga	ttctacttct	gtgaagtcaa	gaacagacaa	aactgaaata	300
ctcatgtaag	gatgcacact	aaggtagtaa	aactataaag	cagagcaaga	gagttattac	360
tataaaaagct	ctgtcgaggg	acaggagttg	caattaggaa	tatacagggg	attctgtggt	420
gctgagagga	tttggtgatc	tgggtgatgg	ttaccangt	gtttattcac	tttgcaaagt	480
attaagttgt	atatatgttt	tacttaagtg	gtatatttca	tagttttaaa	aggtttaaaa	540
aatntagaga	atacagcctg	ggcatggtgg	ctaacacctg	taatcccaca	ctttggaagg	600
ccaagacagg	aggccgagtt	caggagttca	agaaccgnct	gggcaacatg	gcaaaaccct	660
catcttntgc	aaaaattttt	ttaaaaaatt	taaccccggc	ctgggggggca	tgtgcttttg	720
natagtnccc	agnccccttg	ggaagcttaa	ggtngggagg	atnaccttta	acccccggag	780
gccaaagggt	gcantggatc	ccccaatgga	tgccncttct			820

<210> 3882
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

<400> 3882

cattttatag	agcaaaccac	gttttacata	acatgctttt	ggtatgtatt	atgacttttt	60
acattttctac	ttggatttcc	tcttcagatc	tcagtttcca	caaattctgca	tccaggttca	120
gggcctctga	ttctgcacaa	atcatatgag	ccaagtggat	tgattactag	acagatcaga	180
tccttcccca	gctaataact	ctgccttctg	attccagtc	tcaaaataaa	ttgcagcctg	240
ccattttctt	tatgttttat	aaggaggagg	tgaccacctt	ttgtcagttt	gcttagtttc	300
ctatttcttg	ggctcatctc	ccatcttttt	tgggtagtct	tgctaggagt	ggttgggaac	360
tctgaagccc	catttttcca	agttgctgag	agctatcaga	cttttagctg	caggctaaga	420
gctctgttgc	aggcctagtg	attggcatta	aaagtagggc	cangaaatct	gtcctcatcc	480
tcaaatgaga	ccaacagata	tgtattaaag	tggagctgga	gtttgtcctt	ccacccgaga	540
ctaccaaggg	cctttgatgc	ttaatgggaa	tgtgtgtcta	acttgctctt	ctgacattta	600
gcccgatgaa	aataaaatat	tntatctgtt	taagtcnttt	ccnaanaaaa	ananncaatn	660
ttntnnnnng	cnnggnga	ggagnnnnng	ggtntnnntt	nctannncnn	gnnnnnnnnn	720
cnannccnnn	nggcnecccg	nnncannntt	nnnnttgnnt	ttaaanaagn	cncnattggg	780
nttnnnnnan	nnnnnnnngg	gnnanannnn	nnccccngg	ccnnttnggg	nan	833

<210> 3883
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 3883

ggacctggct	gcctgctctg	acaggtacct	gtcatctgcc	caccatgggc	ttctgggacc	60
tgctgtagcc	cctgccaccc	actgctgcag	acccacccac	tctcagctta	gctcaaaaagc	120
tgttctctaa	ctcattnctg	acnaatagct	gnangngttn	ccatgantng	cnnttnatnc	180
aactctggna	aagagggatt	taatttnann	gncncttttt	nacangatnn	aatatgttnn	240
gcnttatggg	gnnnnnnttc	acantgggtt	tgaanagaca	naagctagan	tncatcntaa	300
naccagatn	nanatgnggn	natttgcaga	gctngtnncc	gaatatcggy	tgccgtcaac	360
tgattangat	tacanttggt	acngtgcagc	cttgggnatat	nggccanntt	ttaatntngc	420
caaccnatat	acnttgncaa	agccttngt	ccgggntatt	aacttgggna	ncncngcann	480
agnnacngnt	tnncatggan	tntgggcaaa	gcgngacttn	gtttnaatan	nccaanggan	540
ataatggna	attttaaang	annntccctt	tngtganana	antccaagge	tccattgttc	600
tgcccngttt	tttncnatnt	ngtatcccaa	aatgttggtg	anncttttaa	naaaccaant	660
ggggaaattn	gaaccnctt	ttccanctct	tggtgaatat	tnttnnantg	gtttaaaatc	720
ccanttecta	aatcnnaaat	anccctggg	gggnatncng	aaaaagggcg	ntttgaaaaa	780
aaanngaaa	naagggggna	caatagtgtg	aaagggnggt	ttttcnant	tnaatttgga	840
aaggtntnn	tanggaacc	cct				863

<210> 3884
 <211> 904
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(904)
 <223> n = A,T,C or G

<400> 3884

taggnctgtt	gtatncaaat	ggtggtaggc	ccggcctatc	cactgncaca	aagcgggcaa	60
tggccctca	agaaccaaga	tgatatcacc	ctccatcaag	acagctcgga	aaagtaaaag	120
ggcatcagg	gctggaggat	aaaatgatta	tgataacca	ntgggtgatg	tttgnttata	180
tcaagtcaac	ccagtattaa	aggcctgcct	gatatacaac	cctcgaatgc	aacacagtgt	240
ccttctgagg	ccactctaaa	ggccangaaa	ggtttgctaa	gaagtctgtg	ctgttaaaaac	300
agaagaaaa	gaccttatcc	attntctgtg	ctgggtggtat	agggtagatt	cataaaaaag	360
aaggcaaat	atctcaaat	gatcaagaaa	tntgcaagat	gcaagacaga	gtctcaagac	420
agtgccagga	caggatagca	ctcataacat	ataacactgt	gtantgctgt	tgagtgtctg	480
ctgttggtga	gtgctancta	ttggttgagt	gctttgttgt	tgagtgtctaa	cttgcttgag	540
tgctanctgt	tggtgantgg	cttggttggt	tgantgtctaa	ctgggtggtg	aatgccttgg	600
ttggttgaat	gcctaacctg	ggttggttgan	tggaattggt	tggttgaagt	tgcccttaacc	660
ttggttgggt	tggaatggcc	taanccttgg	ttgggttgga	aangccttgg	gtttgggttg	720
naaatnggcc	ttaanccttg	gtttgggttg	gaaatggcct	ttgggtccct	tgccctctng	780
ggggccctct	gggttttttt	ttaaagcccc	ttttgggatg	ggtacccaan	tttttccctn	840
cccanttttt	aaaccctttt	cccccccaa	ataaaacccc	cccttatntt	aangggggccc	900
ggcn						904

<210> 3885
 <211> 911
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (911)
 <223> n = A,T,C or G

<400> 3885

atatccacgt	ctcagtcggt	ggatgggtaa	tgggatgccc	gcttccccta	ctccagatga	60
ttgatgaaga	aatggaggtg	tatggagatg	aggtgacttg	cccaggatca	gagctttaag	120
tgacagaggc	aatattggaa	ctgaggtttc	cctcattcaa	aagccagtgg	tgcttggttg	180
cactgccaca	ctggagcaga	ctaactgaga	ccgctcttga	tgggtccttt	tctacgagag	240
gctttgcctg	ccacctgcca	gcatcaggtg	atcagaagat	gtggtatgaa	gaccattcag	300
cccgggcgca	gtggctcatg	cctgtaatcc	tagcactttg	ggaggccagg	gcgggtggat	360
cacgaggtca	ggagatcgag	accatcctgg	ctaacacggg	gaaaccctgt	cttctattta	420
aaaaaaaaaa	caaaaaacca	aatactcagg	gaaatagccc	ttcagnttnc	ttcaccact	480
tcagaaaaaa	tagggaaaag	gaaaagaaca	gggattggga	aaaaggaaaa	aaagnaaaaa	540
nggganggga	tccgctttta	agcccttang	gagggtttta	aagaattaag	ttcttggggg	600
ccaaatanta	agtnggagga	ancccttg	ccttctttan	ttttaaaaaa	annnnnnnnn	660
nnnnnnnnnn	nnnnnnnncc	tttcgaagcc	ccttttttaa	aaacttttta	gggggggggtc	720
cgtantttac	cgtnngaatt	ccccgnacct	tggntaagga	tnccnttggt	tgaagtttng	780
gaccaanccc	caacttgaat	gccgtggaaa	aaaaatcntt	atttgngnaa	attgggagct	840
nttgcttttt	tgnaaccttt	ttagntgcat	taacaagtta	ccaccaccat	tgcttcnttt	900
ntgtaggtc	g					911

<210> 3886
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (819)
 <223> n = A,T,C or G

<400> 3886

tcacctctct	ccccagaaa	aacatgtnaa	atgcnagact	gtgtgctctt	aatgacatct	60
atattaaggg	atctgaantn	tccatcataa	atgaacatgg	tacttaccaa	atatcttctg	120
ataantcatt	cagtgtctcag	gntctatgtt	tnttctcctg	tccaagagtg	aacaaactac	180
acatnaccaa	aatattgtaa	ggctaagnaa	taataacggg	gactgnnaaa	atgggaaatg	240
agatagcgtc	aaacgtttgt	gacaaaataa	agcagtcacn	gtaaactactg	gnctttncan	300
ccccatnaat	gatgactttg	tncccaactt	gnattcccaa	cngcatcnca	aanagtaaaa	360
ngagtacat	ggganataaa	acatcathtt	tatcacaagc	ttataacggg	tnattttttt	420
ctgactntgn	gttggagggt	aannnggctt	gctnatattg	catgcagcan	ngaacttacc	480
cgncatatgg	atgcctccct	ctatgctagt	ggtcctcncc	tttatggccc	anggatcana	540
ntcatggaaa	gacaggtatc	cctgnggggaa	ggtttnggga	tgaaantggg	tcaccttaaa	600
tcacagggca	ttaaaattct	cataaggcat	gtgcaancta	aatctnttna	catgtgcagt	660
tnacaaggaa	nggggtggca	cttcctctga	aaaatcta	gcctccctgg	tctgccagga	720
aggtacaact	tggnttggga	angnttgntt	tggtcncngg	tccacatcct	ggtgngccgg	780
ngnggntncc	canaaggccn	ccggtcggtg	ncnaattan			819

<210> 3887
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (771)

<223> n = A,T,C or G

<400> 3887

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gaactgaaag atgatgcaca atcagtagaa actctgggaa agccaaaagc gaaacgaatc      60
aggacgtcaa aaacaaaaca agcaagcaaa aacacagaaa aagaaagtcg ttggtcacct      120
cctcccatag aaattcggtt gatttcccc ttggctagcc cagctgacgg agtcaagagc      180
aaaccaagaa aaactacaga agtgacagga acaggtcttg gaaggaacag aaagaaactg      240
tcttcctatc caaagcaaat tttacgcaga aaaatgctgt aatttcttgg gaagatttta      300
atgtacacct atttgtaaag tcatcagaat agtgtggatt attaaatata tagtttggaa      360
gaaaataatt tatataaatt attgnaaatt tttatgtaa cagaangtct tcaataagta      420
aagtaactcc atatggagtg attgtttcag tccaggcaat ttttctattt tatattaaga      480
cttcatacat ttatatatgt aaatatggct tattaatgga atgttaaata aaatgtatac      540
ttcaaaaaaa aaaaaaaaaa aaaaaactcg agcctntaaa actatagtga gtcgttttcc      600
gtagatccaa ctgataagat acattgatga gtttggacaa ccacactnga atgcagtga      660
aaaaagctta tttngaattg tgatgctatg cttattggac catttagctg cataaacagt      720
tacacacatg cttcnttatg tcagtcaggg gngggggagg ttttatccgc c          771

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<210> 3888

<211> 1232

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1232)

<223> n = A,T,C or G

<400> 3888

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gatttgaatt cnatacanct acttggttctt tttgcaggat cccatcgatt cgcccaggga      60
atgctggctt cctcctattg ctattccttg cctttcctaa tgccttgaat cagtgcattc      120
attcattngt tcatttcaat cangaaatat ctgttttagc caaacatatg atattttattt      180
atctaaagtg ggaaaaagaa atattnggna tntcttcaag tggnttgggt nncctggctt      240
ccctggagga attttttaaa aaccgatnnc caaaccattt tttttttcca ccnagnccaa      300
gggttttggg nttggcatta ttggttattn caaaaaaagg gttcncctta aaaaggaacc      360
accaaccccc tttttttaac cccccgggtt caaaattttc ctttacnaag ggtccggaan      420
gtnccaattt nttttttcct tnaaaaaaaaa naaaaaanaaa aaagggaaaaa ttgggtgggt      480
tttaaccana ccaaattggt ttttaagtaa aaaaaatttt ttttaanccc ccancceaaa      540
aaagngttgg gttggnccca nttcccccca naaanggggg ggggnanattt ttttttnaaa      600
aanttttttt ttnnnnnnnn nngggggggg ggggggcaaa aaaaaatttt gggggaaaaa      660
aaccaanggg ggccanaaaa atgggggttc ntnaaaaaat tttaancccc nggggggggg      720
ggaaaccccc caatttgga aatttanttt ccaaaacggt caaaaaaaa tttaaaattg      780
gngggtnaaa ttaaaccctt ttttngggga aatngggggg ccnttttaaa aaaattaaac      840
cctttaaacc cttnnggnng aatttcccaa nttttaaaaa attancccca attttngggg      900
naaaatttgg gggnaanttt tgggaaccct taantttttt ttnttttttg gaanccattt      960
gggcccgnaa aaaaaaata atttttccca aaaaaaacca anttaacca gggctttttt      1020
ttaaaaaaaa aaattggggg gccnttnttg gaaaaaacca aantnggttg ggctancccn      1080
gggttggccc acccancccc aaangggggg ccccttnggg ggggtttttt ttcttnaaaa      1140
ngggnaaaaa atcctttttt ggagggccaa anccggggga ancccaaaaa anaaagggtn      1200
cccnacntt taccaagggn nnaattgtgn tt          1232

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<210> 3889

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(835)
 <223> n = A,T,C or G

<400> 3889

gagcctgatg	cagcttgtct	gtctgatgct	tttgttcccc	atccacgtcc	cccccagtgc	60
tgaagctggt	togtgtgtcc	ttacagtgtt	tcctctgcac	ttccacttgt	ggttgataag	120
tggcaggggg	acaataaata	gagttgatga	aagatgggct	tgggcagcag	tgggcccagg	180
tgaggcagaa	atgagaaaag	gactcctggg	gcagaggtgg	agtgacaaaag	ccttgagcac	240
gaggggtgtga	aatgtgaact	tgggtgctgac	ctctattggg	cagccggggc	accacggagg	300
tggatgtggg	gtcagtgaga	ccagtgaagta	atttttagcag	agatacttta	gggatgactt	360
ggggaggggca	gcangctttt	ttaaaatata	tatacttccc	aaaataacat	tgcttcagag	420
tagtttccta	actgccctgg	gacaggcctg	agatcctgtc	ccagggtact	tggggggcac	480
atcctgtcct	agggagaggt	attcacctnc	ccattcccat	ccccagtcct	ggctgctttt	540
cctaaatgca	tcatttatcc	cccacattgc	cccattctaa	cccatatcac	ctcttttagag	600
ataccttncc	cttcattgag	ggagcatncc	tnttataacc	attaacttcc	atattctggc	660
tgggtttcct	ttaaaagcac	ttgtgnaaaa	tttnggaagt	antttaattt	ggttaaaacc	720
ttcattggcc	tcttttcctt	ccatttaaaa	aggngaacct	nccttgaaaa	acaagggggac	780
ccggggggga	ntctaataant	aattcacctc	ttggattccc	ttaanccccc	taaac	835

<210> 3890
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 3890

tgtgatgaaa	agtgaagctg	ataagggtat	agtgggtgact	taggggtgctg	atttagagtt	60
nggtcagaga	aagtctttct	tgaggagctg	tgtgaggggt	tgttcctatc	taaaggcnca	120
gaggagattc	aggccccattg	aagatgagaa	aacnctcctg	gacnacnttc	ccactttttt	180
tgtaggacac	tgttttgtna	aaattttacat	atatggctaa	atagtctgaa	actatggntt	240
cantggaanc	aaccggtatg	tgcccatgga	agagttttcc	caggaaaaga	aaataattca	300
ttacagnttt	nctggcnctc	tgaaaaggga	ccaggagctg	ggaactgctg	aaggctaagc	360
tgctgctatc	tgtggntcca	aatggagagc	cgctatgaaa	atgctgcttg	caaggggcac	420
attatataat	tctatggggg	gatatcccta	attttagaat	ggaatgaacc	taaactcttt	480
tctggantat	gtttttggat	ttagccccaa	aaaatgcctg	gggangngng	anggaccccc	540
ttaacttacn	agccccattg	gcntggttct	ttggggcatt	tggccngcca	gaaganggaa	600
ccagccccct	tttacctttc	atctgaacct	gggntggcct	ttttttttta	aaggnnaaat	660
nnnnnnngna	naaannnnna	aaaccttggn	nccttttana	acttttagngg	ngtccgtntt	720
tncgtaanat	nccacacttg	gataagnntn	cctttgatgg	aggtttgggn	ccaaaccccc	780
cccttggnaa	tgccngtggn	aaaaaaaang	cctttntttg	ggggnaaatt	tggggangcc	840
ttttggcttt	attttgggaa	ccntttntta	ggctggccan			880

<210> 3891
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 3891

tcatagtcta	aaactatcac	gtctgagttg	ccttaggatg	acagtgctga	cacccagtag	60
gaagtatccc	atTTTTatca	ggaaagtcag	tcacgcgtag	ggatggtgag	gagacgcgta	120
tggatggtga	ggaggggaga	ggagggagac	ctgctggtgc	ccttgcacca	gggtgaggcc	180
tgactcacgc	tgcttccccc	cacaggccct	gctntgcttg	cctgcttttt	ccagaatcga	240
ttttgcaagc	ttcaagattc	tgttccctc	ttcgcaaaag	tgaggaaggc	aaatactcag	300
ggtttgaang	gagacctgcc	ggcctgaggg	ctggcaaatg	tgagggcagg	acacctggga	360
tggaactcgt	ggctgaccca	ggcccaaagg	gggctgcctg	ttcccaactc	tttcaactctg	420
taacccattt	taaaatgagt	ttttgaatct	tgctcaaat	tgacctactt	ggataaaaatc	480
agtgcctttt	ctaacttgat	tttgtttgac	gtggttccct	ctaagaaaat	ggtaggaatt	540
gaaactattt	gnatatgttg	aaattttag	gggttcanga	cccatggcag	aaacacttaa	600
actattttat	tacagtatga	ctattttttt	tcaaagtnng	caattctttt	gtatatttta	660
aggcaaataa	tcactttacc	ttttggtgcc	ttncatgcgt	cgcantaagc	actcttgta	720
atcatggnaa	ttgggaaaaa	aagatgtcca	tttagttaaa	caagaaaaca	ctattttgta	780
ncatgaattt	agaatggggn	ccttttaa				808

<210> 3892

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(814)

<223> n = A,T,C or G

<400> 3892

gaatgtcttt	gcttgaacac	cccagtcac	accttcgtgg	ggcatgatga	tgtggctcctg	60
gagttccagt	ggaggaagca	gaaggaagg	gagtgggaga	ggcctgctgc	ccactttcct	120
tctgagctct	ggtgacagcg	gtgccagtca	gtgttgccat	ggagtccagt	aaagaagaca	180
tagagagagc	tggtgctttg	gaaccagaga	gccagggtcg	ttgccacctt	tcgtcatang	240
tgagtaaagg	gactatatag	gctgctgtta	ctcttccaaa	ttctgtcctc	ttccacaatt	300
gtcagcgtag	tctctcttgc	ttggaagaga	tatgtccag	taagagacgg	aagatagaga	360
tttgctgttg	gattgtttct	gggactgaaa	gactctgggc	tcacaagtcc	agggcatttg	420
ccccttgcca	ctctgttgat	ganggagacc	caagggtggc	tttagtactg	cctactacat	480
accctcagtt	gtcttcacaa	gcatgtagtg	ctctgtctca	aaaaaaaaaa	aaaaaaaaaa	540
ctcgagcctc	taaactatat	gagtcgtatt	acgtagatcc	ngacatgata	agatacattg	600
atgagtttg	gacaaaccac	aactagaatg	cagtggaaaa	aaanctttat	ttngnaaaat	660
tggggatgct	attgctttat	ttgtaaccat	tataagcctg	caataaaca	gttaaccacc	720
accaattgcc	ttcatttttt	tgtttcangt	tcagggggga	ngggngggga	ggttttttaa	780
ttccnggccg	gggggcccac	gcatttgggc	cccc			814

<210> 3893

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 3893

taaactttat	tctttttgtt	atcgtttgtc	ctctggtagt	gatcagtggg	cagtctttga	60
aaagaaagga	cctatgaact	caacttttagt	tacagcaaaag	aaatgagtag	gagacggagg	120
gaatggccag	cagccattga	agagggagag	caggctgggc	ccaaggggga	cccagtattg	180

gcagaaagga	aagctcaggg	tgtcaagtgg	gcctgagaag	ggatcatctg	gctgaacaag	240
agagggtccac	atgtagctct	cagcacacac	ttgtgcattc	cagcttcagc	atttgtcac	300
acgagttccc	cgctaaaaat	gcctgacatt	ctccctctct	acttaactca	tgtaataaat	360
ttttactgaa	tgctgtaag	tgccagcttt	ctgaacagag	ttggtcacag	ataaagggtg	420
gtttagagt	cattaaaatg	gtcagggtatt	tgactggatc	tccagtcgga	aaaaaaaaaa	480
aaaaaaaaactc	gagcctntaa	actatagtga	gtcgtattac	ctnnatccag	acatgataag	540
atcattgatg	agtttggcaa	accacaacta	gaatgcagtg	aaaaaaatgc	tttatttgtg	600
aaatttggga	tgctattgct	ttatttggaa	ccatttntaa	gctgcaataa	acaagttaca	660
accaaccaat	tgcnttcatt	tttntgtttc	aagtttcagg	ggggangtgg	tngggaagg	720
ttttttaatt	tcncggggccg	cgccccccaa	tgcnttggg	ccccgggacc	ccacnttttt	780
gttcctttta	ntgagggtta	attgccccct	tgngngtaaa	catgg		825

<210> 3894

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 3894

gccatcctac	attccagtga	gggttgctga	aaaaatccta	tttgttggag	aatctgncca	60
gangtttgag	aatcaganng	tgaacctgnc	tntanangga	tccattttgc	aaaaccanga	120
anacacttta	tgctgcacta	gctgcaccgt	cctcangcag	nanccactct	tcagctaagg	180
tggaactactg	aacagggtggc	ggatcgcatt	angcagcact	gtggctgagc	atctntngaa	240
ncnnatggtg	gancaancnn	nttnactggg	tnnncngaag	accatnnnat	acnttnacct	300
nttgggacca	tganaactgt	ttccagcccc	tantgacgca	gcgaaacaca	tgtatgaaaa	360
caccanccac	tggtagtact	gatcatgatg	tgaagtgtgg	cctntctaca	gttaacngcn	420
cggtgtattt	gctatgatga	tgacaccttc	ttcctctgtt	gncttgacgn	gcgncntac	480
ggcaaggagc	gcaatatatg	tantcaagcg	ngagaagggc	cttcnctggn	aacttntacn	540
cgnaagcccc	tgntatggct	gggnngccct	aagtctttnc	tacaangtac	aggaggcccc	600
ttcataaaaac	tcttcacccc	acatggncct	gnaaaagnac	aaagtggntg	ttaagnctct	660
aacttgatgt	gcgnccgggn	gcannctgag	cttgaggagc	ttgctggggc	ttnaaaangc	720
cngggcnagg	aanttnaagc	tngaannana	aatgangcca	atcnanttgg	gnccnaance	780
aaatcanctg	gggttttttg	gngganaaaa	tcccnggact	ntttncgggg	gttttn	836

<210> 3895

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 3895

tgaagacact	gaccttgtcc	cgctacatct	gcgagatgac	cctgcaggaa	taccactatg	60
tccaggagaa	ggcttccaag	ctagctgctg	cctccttact	cctggccctc	tacatgaaga	120
actcggatac	tggtttccct	tcctggacat	tacagtggct	acagtatctc	tgagcttcac	180
cccttggtca	gacagctgaa	caaactgctg	actttcagtt	cttacgatag	tctcaaggct	240
gtgtattaca	agtattctca	cccggctctc	tttgaagtcg	ccaaaatccc	tgcttggat	300
atgttgaagc	tgaggagat	tttgaactgt	gattgtgagg	ctcagggcct	ggtactctag	360
cagcagccac	agggctaagc	atgcatgtta	acagggtata	tttattctat	gntcgaattt	420

gcttttgate	gcttttattc	atttttcctt	tctttgnctt	ttcccaaact	gataatgnta	480
taaatattta	tggtgcttgg	ttttatgaaa	gaaaaaatat	tgncatattt	gactacaaat	540
ttaataaaaa	aattaatggg	tattggtaaa	aaaaaaaaaa	aaaaaaaaact	cgagcctcta	600
aactatagtg	agtcgattcg	tagatcngac	atgatagana	catgatgagt	tngacaaccn	660
cactagaagc	cggnaaaaaa	gcttattggg	aaattgggat	gctatgctta	ttgnaccatt	720
taactgcata	acaatacaca	catgctcttt	ttgttaggtc	ngggngg		767

<210> 3896

<211> 961

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(961)

<223> n = A,T,C or G

<400> 3896

ggagatgaag	gttggcagca	nctgggtcatg	aangtggttaa	caaggggacct	tcactgggct	60
gngcgganct	nctgaagatg	tttgcncaaag	agaagggttn	ggcctgggtac	acatnaaaac	120
tcttgggacc	tcggaggtga	tcgagcctaa	cnnggggcca	tnntacagat	atgaagactg	180
agatgaagac	aggagaaggg	ncatgctgng	aagtccatan	actgggcctg	gctcctgggg	240
taaactaatg	ggnacaaann	tctgangatt	cctgcntana	ccacnaaatg	gacagggnc	300
aggcccntga	tggttagccc	atgcctgaca	ctgacnantt	nacagnccaa	gaacacagng	360
atgaagaata	aaaagtggta	caatcggnnt	cacttgtgcc	accaggatac	tttcaatgat	420
tgcnttcctg	tnccacaaan	ttcttttant	cttgggcggc	gacncaantg	anggannggg	480
gaacttatnc	atggacgccc	cctttttctt	cgantgggan	ggaccacttg	aaaacttcat	540
ggaaaggccc	anaggtttac	attggccccc	cattgnacct	tgagcccnaa	gcttgggnaa	600
tccaggaacc	ttngggaaat	ttggggccnc	cttggngggg	cttgaccccc	ccataanaag	660
gttccaagnt	gggcccccnt	gccttanggg	atnaaagccc	gttttaaacc	aacaatttan	720
gggggttaaag	ggttggccct	ttttcatngc	cccccccntt	naagngtaaa	aanaaanggg	780
ggnacccttn	tanaaaccnc	catngggaaa	aaaaaaactg	nggggccttg	gggnccccct	840
ttgggggaatg	ncnccagnag	aaatnccna	ggggccttna	aaaccttttt	cctngggggcc	900
aataancctn	aaantttgct	ttntttttaa	aaaanattcc	ntggaacann	gggggggaaa	960
n						961

<210> 3897

<211> 832

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(832)

<223> n = A,T,C or G

<400> 3897

gtttgcangc	tcattggagga	agcagcaggg	aaaacctggc	gctgcaaaat	gtgcaggctc	60
gaatacggat	ggtcctcgcc	tatctgtttg	ctcagttgag	cctctgggtc	cggggtgtcc	120
acgggtgggct	cctcgtgctg	ggatccgcca	acgtggatga	gagtctcctg	ggctacctga	180
ccaagtacga	ctgctccagt	gcggacatca	accccatagg	cgggatcagc	aagacggacc	240
tcagggcctt	cgtccagtcc	tgcatccagc	gcttccagct	tcctgccctg	cagagcatnc	300
tgttggcgcc	ggccaccgca	nagctggagc	ccttggctga	tggaacaggtg	tcccagaccg	360
acgaggaaga	tatgggggatg	acatatgcgg	agctctcggt	ctatgggaaa	ctcangaagg	420
tggccaagat	ggggccctac	agcatgttct	gaaaactcct	cggcatgtgg	agacacatct	480
tgcaccccca	gacangtcgc	ttgacaaagt	gaagcgggtt	ttctccaagt	acttccatga	540

acagacacaa	gatgaccacg	ctnacacccg	cgtaccacgc	cgagaactac	agcccttgag	600
gacaacaggt	ttgatcttgn	gaccattttt	tgtcaacaca	aagctggcct	tggcaagttt	660
cgggtgcatan	aaaaatnaag	tgctacaagc	ttcgagccct	ntanaactat	agtgagtcgt	720
nttacgtnga	tcncacntt	gataagaatn	catttggtga	gtttnggnca	aaccnccact	780
tggaatgccg	tggaaaaaaa	gcttttnttt	tgtgaaaatt	ggggaaggct	nt	832

<210> 3898

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 3898

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actatcttat	tttgggaagg	tttatctatt	tttaatttat	gtcctcccgc	ctttctcata	120
cccagctcca	caagaaaata	cagatctgca	gaaaatgatt	tgaatgccta	ctttctcact	180
cgtccaagga	tgatgctgca	tagctagtac	cactctagat	gcttggaaga	aaagttaatt	240
caatcaacag	atagtgcatt	agagtttaat	tctttttatag	aactccattt	gagaggggct	300
cttaaaaaatt	aagagcatgc	ataccaaagt	ataataaaaa	aaattaagaa	caaagatgta	360
atggcttact	gcatgagata	gaaaacaccc	atatattgaa	aattgagtc	ttagggctag	420
ttttttattt	attttatata	tatatatata	tatatatata	tatttttttt	ttttgagaca	480
gagtcctcact	ctgtttccca	gactggagtg	caatggcatg	atctcggctc	acggcagcct	540
ctgcctnctg	gcttcaatca	gttctcatgc	ctgtagtccc	actgctcang	aggctgagg	600
gggaggatca	cctgaatgag	ccttggggang	ncaangctgc	aatgaaccat	gaacacacca	660
ctggactnta	acctggggcaa	aaanantgag	aaacccgttt	caaaaaagaa	aaaaaatctg	720
gaataaccta	ttgggccttt	tggttaattn	nnaaangnnn	nnnnnnnnnn	nnnncnnann	780
gnnnnnnnnn	ngnnnaaaann	nnnnnnnnna	naaaaaacn	n		821

<210> 3899

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 3899

agttttaact	tgaacccctt	cagtcaggat	gaacataaag	ctctcaagtt	cttgaaagga	60
tgagacacaa	gaataagatg	gggtaccagt	gaccagctcc	tctacctggg	gtcatggagg	120
accgaagacc	ctccaacctt	gatgcctgta	aggacaggcg	ctcctgtaag	ggatcagggtg	180
taaagaatct	ggccatagct	cctgtacaaa	gcctctttgt	ctgaagtact	tgggtgctct	240
ttgacggcag	gagggaacac	aacctgtcgg	tggtgtctgg	acctcaccac	gggggctcag	300
tggacataag	atctattgac	aggccctggc	agtcaccant	gggtgtgtgt	ggcantggct	360
gtgggggtgtg	agaatgactg	caacaggcac	ttctcaacaa	tgacctgctg	ttcacatggg	420
ccctgagcan	ggaggaagg	agagggacaa	tgggaagctt	gttccagcat	tcctcttana	480
aaggggagag	acaatttcan	gcagggtgtna	tgggaattgga	ataaaaagcag	gangctcaan	540
gggtgggttt	cttgagtaaa	aggacaaaaa	tcgtgggtgc	ttttgtnggt	tcaaccacaa	600
ccctttcatt	gggccagaca	ccccacattt	ttttcccta	ctggnccttc	attttttgcc	660
cccttttttt	ncttaccttg	ccttnccaaa	aaaataagaa	tgcttgcttt	attaaaccca	720
ttttgggggg	cttgcttctt	ttgggtcaag	gaaggggtgn	ttgcaaaaaa	tncttccnc	780


```
ccangggatt naaatgaaat nggggtgttc ccccttgag ccttnttaac aaccttttta 840
accaggtgt tcaaaaaaat ttntttcccc cccccnccn t 881
```

```
<210> 3900
<211> 812
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(812)
<223> n = A,T,C or G
```

```
<400> 3900
ctctgcagtc tcttaagcag attgactatg atgcatgtca cataaaacag ttttctttct 60
gttctattgt ggagtttttc tggggctgga gaacattctt ttgttatttc caaacactgt 120
ctataattac canacatgat ataaacacat aagggtgccaa ctggaattta ctctagaggg 180
gactttccct ctcagacttc cagtcaactc acacttgtgc aacaaagtgc atgctgtccc 240
ctaaatatgc aagcagaact gtgtttctgc ctatttggtg tctatagtcc tctacagtca 300
cttctanaga gactaaacca aattttctacc aacttcacag ggcaacaatc aatagtttta 360
tctcaatgac tcttgatatc tcagacctta aactgattca nagaccatgg ggcccacaaa 420
cctaatacaga gtaacgtttt cattgagtag acattcanac atgagaatct tcaactttnc 480
cttttttctc ttggtaaaat gttcacaaat gtgcaggtaa cacctgctgc tactccagcc 540
attcngggcc taaatctgca gctctacatt ttgtatctag gtcttgagaa ttgggaaata 600
gaaaattttt atctaaaaat gcaggtcctt ttggttatca aactcagaca ttgaaatgaa 660
agtgcagnta cccctttctc ctcctttgna atatgnattc atctcttgga aactggtcac 720
tattggccnc aagtagatgt atattnaact ggttatancc acattggaca ctgggttttca 780
tacctnaac cctaaaggaa tatggcccaa ca 812
```

```
<210> 3901
<211> 815
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(815)
<223> n = A,T,C or G
```

```
<400> 3901
actttatatg gattctctaa ttttaattct caaaatgcta tctaattgtc cattaagact 60
tgcatataat gtatcttaag tacagtcatt aaatatagtt tagggagatt tatgttcaga 120
tattgcttaa agatgtttta ataggcccat ttactctgat gatattaatg agctcttaat 180
acagactaag cttctaaaac tagtggtaaa gactcccagc ctgaacacaa caacttggaa 240
ttaatgcctg ntttgacag atgcctgagg gtgagtcctg cacacactcg agggtcancg 300
cgagcccctt gctggatgga gccttgtttc anaaaggggc ctctgtaac gggctctggc 360
tgctgactcc agagcaccca ttcttcggcc agcctgagta ctgtcttttt tctccccc 420
actgtgcaca ggacatgtgc taactaggcc gaagtacctc tccaaggtta ttgagaagc 480
gctgatagcc ttggcgggtg cactgnggcc tgtgaggggt taaaggangc tgttgctgaa 540
attncgtgga agcatctgcc aagtaagggt tgcacagact ggcatcgta cntgaaacaa 600
gcntncctnt gncaccaagt gaactgnaaa anggcacatg ggtgtgcttt catcttttan 660
gcattcatcc tancttgaaa tacatgtaat aaangnngcc tgcttatttc aacntcggaa 720
ccnnaanaaa angcnnaaaa aancctcgan cctttaaaac tttnttgagt tttttttcnt 780
aaatccaaac ttgataagaa acattngtgg agttn 815
```

```
<210> 3902
```

<211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 3902

ccaaactaga	agctgtcagt	gacaataact	tggaattagt	caatgaaatt	cttgaagaca	60
tcactcctct	aataaatgtg	gatgaaaatg	tggcagaatt	ggttggtata	ctcaaagaac	120
ctcacttcca	gtcactgttg	gagggccatg	atattgtggc	atcaaagtgt	tatgattcac	180
ctccatcaag	cccagaaatg	aataattctt	ctatcaataa	tcagttatta	ccagtagatg	240
ccattcgtat	tcttggtatt	cacaaaagag	ctggggaacc	actgggtgtg	acatttaggg	300
ttgaaaataa	tgatctggta	attgcccga	tcttccatgg	gggaatgata	gatcgacaag	360
gtctacttca	tgtgggagat	ataattaaag	aagtcaatgg	ccatgagggt	ggaaataatc	420
caaaggaatt	acaagaatta	ctgaaaaata	ttagtggaag	tgtcacccta	aaaatcttac	480
caagttatag	agatccatta	ctcctcacag	gtatttgtga	agtgtcattt	tgattatnat	540
ccatacaatg	gccaccta	ccttgcaaag	aagcaggatt	gnagttttnc	aaaaggagag	600
atcttcanat	tgtaaaatag	agaagatncc	aaatggngng	caggcttnc	catgttaaaa	660
aaaggangga	aaccnctgg	cttcnttnca	agccaattnc	tgggaanaaa	aaaaaaangg	720
cttttggtta	aanaaactgg	ggacaattca	agganccttt	ttgggggact	ntaagttgcc	780
aaaaaaaaaa	aaaaaaaaac	tcggnccctt	taaactntng			820

<210> 3903
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (726)
 <223> n = A,T,C or G

<400> 3903

tnnaanctaa	tgcttggcta	cttgttcttt	ttgcaggatc	ccatcgattc	ggtgagccac	60
tgcgcccggc	caaagacact	ttcaaatact	catgattgga	tatgcctctg	tgattgacag	120
tgagatttca	aatgggttaa	agattgctct	gcaaagaggt	taactgttga	gattgataca	180
ggctatcttc	aacatatgta	cattgctgta	tatgacattt	acctaccatt	gtgcatctgg	240
gacttcctga	tggaccacag	gaattccctt	ttcttcccat	tctcttccag	atctttcttc	300
tacttgaaac	cccttatcta	caaaaatgaa	taaacaaccc	aatctcattt	ctgatcgtgt	360
cctggaattg	atctagggca	aggtctggag	aagtgggtggg	agacagcaga	cagcttttgt	420
tagtcttcta	accccagcac	tttctcagcc	tcctctgtgt	gttctgtct	cactctgcag	480
acctcacttc	acaatgctct	tcagatcctt	taatgaatag	gaaattgatt	ttgggtattt	540
ctataaaata	cagcaaagtc	ttagaaactt	gcagtgtcct	taagaagaaa	gatcccttct	600
tatctccctg	ccagtttttc	tttctttatg	gctcaaacac	taactgattt	tgccatggag	660
gtattgngct	tcanactgct	tttggtgaac	tgggttgagg	acataaccog	ttgtctggta	720
tatttt						726

<210> 3904
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (797)
 <223> n = A,T,C or G

<400> 3904

nnancntgct	acttgttctt	tttgcaggat	ccctcgattc	gaattcggca	cgaggggaaca	60
tgcaaaagcag	tagccctctg	aggagcagag	ttaaggctag	tacagaaaag	acttttcctc	120
ccaaaaacacc	ttcagtgttt	ggagaggcta	ttatgtcaat	aagtaaagaa	catgctactg	180
tgaaaaaggt	acaggaacaa	aaaagagttg	ccaaaaataa	aaaatattat	tgtaaggtaa	240
aaaatttcat	aaatgggcct	aatagtggga	tggatataac	tgaaaactaa	gatgggtgatg	300
aggaagacag	tcaagaataa	atataccaaa	gtagcaaaga	aatacctgtg	caagtagaat	360
agcttgcttc	aaacagatga	gatttgtcct	cccaacatca	aaacatatca	caaaactaca	420
gtaattaagt	ccctttgagg	ccagcactga	ctgggataag	caaatagata	aatggggatgt	480
aacaggcctt	atttcaaact	aataggttgt	tcaccaactc	ctagttggat	accctgctat	540
ccattatgaa	aaagaaaaaa	aggtaagttc	tcatcttaca	ccatacttaa	atttcagatg	600
aattaagtat	taaacataaa	aattaaatga	aacatgggtt	tncctgggga	ttctaagcct	660
actccaactt	ggaagctgca	aagttggctt	tgtgntctac	atgggaaaaa	aaatagaact	720
gcaaaggaga	atatttacta	ttgactactt	aaacttaaaa	tactacatga	cangnnctgt	780
aaaatagtta	aagatat					797

<210> 3905
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (756)
 <223> n = A,T,C or G

<400> 3905

gtgnnnnnnt	tgaatctttg	ctactaanng	cttggcnact	ngttctttnt	ncaggnagcc	60
catgcgattc	gaattcggca	cgaggggaag	gtctggctcc	agcttgagcc	cactcacagg	120
atgtcagggg	gaagtgtgac	taaggtcacg	gccacgccac	gtgggtgggc	agctggatcc	180
agagcagggg	ccgttgtggc	cacacatcct	gagtttccat	ggtctaattgc	agtgggcttg	240
aaaaaaaaag	gtggatgcag	gatgctggct	gggactgtgg	agtgcgtggg	cagtaagtct	300
taagtgcacg	tgggtggaga	ttacagcatt	tcatctgctt	ttcctttgac	accttttaaa	360
gatacaaccc	acagttttca	agggtttatg	ccaatgtctg	ctagagggat	cttgacagtag	420
atcttaaacc	ctatagtatt	cttaagagca	caaggaaatt	cttatttggg	ttccatttac	480
aacaaaggtg	gaaatttaaa	actaggctga	gaatttgaaa	tgctgttcac	attaagcagt	540
ttattagggg	gttattttga	aatcgttcct	taagtaattt	taagatgttt	ccacatctca	600
aaaggatnca	tacatttttc	ttcatttttc	tttgagaaat	gtctgttcaa	ggatgtttac	660
caggtttggg	ttttcaaaat	ttcagcggct	tttatngngc	tggcattcca	ttcgacagat	720
tggaatttgc	cccttanagg	aatgggaat	gtttttt			756

<210> 3906
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (755)
 <223> n = A,T,C or G

<400> 3906

```

agagnnnnnt tnnntcttan ctactaange ttggctactt gttctttttg caggatccca      60
tngattcgct gtgaagacct ggaaacagnc aaaaaagact tgccaagctc cagactgtcc      120
agctggatga agatatgcaa gacttatgaa ctttatttcc tcctcacctc tttttggcat      180
cagcggcaaa tcttttcatg aagccccaag gacacaaaac attttcccat ttaaaggaaa      240
acactctagt tttgcaagta tatgcataca agagacttta gattgatctg catgaagatc      300
acagttaagt atacaggagt agaactgcat tattgcagcc tttttgttca cttataaatt      360
tctcttttaa atagatggag acaaaggaca aggtgaaatg tatcaagtca aagtgaatca      420
tttagttgac tctataattc taagggtcaaa atggaacttg atagtttttt aaattaaaaa      480
atgtatacac ctaacataga aaattaaaga tagctgcaga ccattagaaa taatacaatt      540
gtntntgttt acttttactn catgggcatt gaaaagggtta agaaacataa atgggtcatat      600
ttttaaaggt aagtacatgc atatatatat gcacacacac ctnttttttca gcattttttt      660
gaaaaagttc tggggtctca aacacatttg nctcaaccac attttncnaa atgtgattct      720
taatacctca atnttggctt ganaaaagtg ccngg                                755

```

<210> 3907

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 3907

```

agagnnnnnn ttntatctta tgcctaantg cttggctact tgttcttttt gcaggnatcc      60
catcgattcg aattcggcac gaggccaggc taatttttgt atttttagta gagatggggg      120
ttcaccatgt ctcaaactcc tgacctcagg cgatccaccc acctcagcgt cccaaagtgc      180
tggtgattata ggcgtgagcc accgcacctg gcctatgagt ggtcttttaa ttaggaacaa      240
atctaattgga aaggagagtt gactgaagtt ggcccacagg attgtgagct gggcagtgcc      300
ttcatgaagg cttgccacct tgggacgccc cagtttactg ggggtgtctg cggagtgcag      360
aagctttctg gcagctgcct ggggtttggcc agacctgcc tccctcccg ccggccaacc      420
cctagtcccc ttctgtctc cacttgcatt caggggtggc tgctgttctg agaacattag      480
aactgggaag agagatggga gtcacatgga tttttggtgg gcattattct gaactttcgt      540
atccaagtta gtccccctta ttccactgtg ggcattgccc gtctaagcag ttacctgatg      600
cctgctgctg aaanctgctc acaggangcg gcggcggccc tggcactgnc cttgcattag      660
ncttgngttt gatgtgttct tgngaattac tttgtcagac aaaatattac ccgttggggtc      720
angaattctt ttactccc                                738

```

<210> 3908

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 3908

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agtttnncta tgaacncttg gganctcaan ngcttggcta cttgttcttt ttgcaggcat      60
cccatcgctt cgaattcggc acgaggtttt ntgttatagg taacaggaaa acaaactaat      120
ncaagtggta atgtgtccag ctaaaaattt gggttctgtt aagggttaaaa gaaaatttga      180
ggtanccagc agtatctgcc tcagatgctg anaagcctcc tgagataaga gcgtatacca      240
tgtccataac tgaagtttta acattctntg ccaaacagaa ccagaattta agggcaggag      300
aatttgcaag atagaatttg caatttgcga gaggggaattg caattctgca agagaggggc      360

```

```

aatttgcaat ttgcacagag agggcaattt gcaagagaga attgtggggc cctnagagag 420
aatacatcca naggaagagg gaaccangcn ttacaaattg aatngaacaa ggacagatat 480
ctgaaggggg tttggtagt cccantcaag tatggtacan ctangtgac ttccttggcc 540
agaccacct acagtgtatg atccccctgg ggagcaaaag ctgcaagtaa cacttttggg 600
gccctataaa ttctgctgtg gngccactat acngatcaca gccaanatggg cattgtncct 660
ttttacacag gatctgggca tncacnccan gattgcacat ctggcacgan tgtgtctgga 720
caggaagacc t 731

```

<210> 3909

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (747)

<223> n = A,T,C or G

<400> 3909

```

ttctttgaaa cctnangget tgggcnactc gttctttntc caggnagccc atgcgnttcg 60
aattcggcac gagggtcatt gatagcaagt aagtacttcc tgaaggcttt ccagttcaaa 120
agattacaag ccattctgcc tgccaaacaa attatattct gaagatgcct gttttgtaac 180
ccttgatgtg aatttttttg tgtctgaaat ttacaaaaga atgaaattga aattgtaaaa 240
cactaaatgc tttgggttta ttttgaagta atctgttact taaaatgtc aacattagga 300
agccataaaa caagatatta tgaaacccan tattataaat gttatctaca tctaaagtat 360
tttaaaataa cttattggca gctttattct ttttttcctt acaagattta gaatcttttt 420
ggttatatgt ctatttttca attttgttat atttttaatt taagtggcca atgtggttat 480
gaacaagatt tgtatggtea gcttctgttc tttcctaaaa cttcagatna atatcatttt 540
agctataacc taaaaaagtg ttaaataaaa tgacagatgt taatttaaaa gcagccatat 600
gctaatttac tttttcatat gatgatggtc taatgggaag ttccatatgc tttcttttgg 660
gcctaactct gaaaaaggtn tatgtcagaa gttctnggaa atatgtcttt agccaaggaa 720
ttttattccc cttaaaattt ggntacc 747

```

<210> 3910

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3910

```

caanctaang gcttgggcta cttgttcttt ttgcaggnan cccatgcgat tcgaattcgg 60
cacgaggctc attccagctg gtctatcgtg ggcctcanaa ggtgaagagg gaccgtattc 120
tggggcccac natagaccag ctgtagctna ttncanctg taccttgggt gatgggtaac 180
ctacnactgc atcccatnct gaatatnctt tgaaactccn cannagtgtc tatttaagtg 240
taaannctcc tnagagnact gcnnnnnnnn atngtgnatc tnnccctgnc cntnganngc 300
tnnangngcn ccactactnc aanccanaaa gaaaagngtg ctgntcataa ngccncanta 360
cggatctgan ntcatnagga tnacattnnc cnaaaggag tnaantgnng gnaantgcnt 420
gncactatat gaantacacn ncantctgtg antcactttt aatnanntac tgancccttt 480
ctaactatca ggcgtnttat tncatgaatc ccnccntggg aagatacatt tntgaactng 540
ntcaaangcn aacttcaatg cngtganana aatgctctat ntngggaacn ttggngannc 600
tntngctata ttngaaacgn ntntnacctt gggactggcc aagtnaacan cnttcaatta 660
ccnttaaant ntantgttta aaggntncaa nggnnagggtc ntgtgnccnt nattaaatnt 720

```

aanaagnngn ccatatccng ttnattcg

748

<210> 3911

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 3911

aacntaangc	ttggctactt	gttctttttg	caggagccca	tcgattcgaa	ttcggcacga	60
gcaccccttt	taggatttac	attagttctg	ttccagtaaa	ggcttaggta	ggaagcacag	120
gatgtagagc	tgagttgaac	ctattcccct	gatcttacta	atgaggtgcc	tgatattcag	180
agagaccaag	ggacatcccc	aaagtcaacc	agcaatccat	tagagctgag	cctagtacct	240
tgattctcag	acatgaatgc	tacttggtga	attgaaaatt	gcattcataa	tacatctctt	300
catagattcc	tggccaggaa	gccccagaga	ccaaaacagt	ggttatcaat	atttagaata	360
tatcagattt	acctggggag	ctttatcaaa	atccacactc	ctaagcccaa	tagggggaaa	420
ctctgattg	gtaggtttag	ggtaagacct	gagtatttcc	aagaaaacct	ccctggatga	480
tcctgacaca	gggagctttc	agatcatcct	ttgagaaaat	ctgctttaga	gctcattctt	540
tggttcggct	ntctcttttg	agctcactga	tatcatccct	gtggacactg	aacttttctg	600
gaagctttct	catctcagga	attggtttgg	gttactctac	aatcagattt	ccatncagga	660
tgtcacggca	gtggctcaat	actgcacctg	tgctcttctc	agccnaactg	gnctgggcc	719

<210> 3912

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 3912

ngggnnnnnn	cnntttcttc	tngetganac	ccccngtggg	ttgnccnact	ogttcttttt	60
gcaggcagcc	cagcgtttcg	aattcggcac	gaggaaactg	tttaantttt	aaaggggtgt	120
attggtgtat	gtcactgaaa	attccacagg	tacagtgggc	ttcaggcatg	gtttgattgg	180
gatgccagct	ccgttttgct	gagattccat	tggttctgct	ttctaccgtg	tttcagcccc	240
gttttaggtg	caaaacagng	gtggaaatgt	taggcttcac	atcacctgac	cacatagacc	300
aaaatgagag	ctaatatcca	ggatgagaat	gaacagctct	tctaatacagg	ctgtcataaa	360
aataaggaag	cttattttat	agaagccttt	accaaaccctc	cttctttgac	ttgntgntcc	420
aaattggatt	aaccagccca	ttctgcggc	caaggaaata	cacactgggt	aaccagctct	480
ttactaacc	ataccttttag	caaagagatt	ggattaccca	acaacttgat	tgctctggag	540
actactttg	agttggggta	tgagatagta	gataggagaa	tgatctgtaa	gtagatattg	600
gataagcgag	taagaaatgc	aaactacact	gaggtcttgc	actgggtctag	gttttgggac	660
ccagatgtaa	taggacatag	ntcttttctc	gagcctctag	aactatagtg	agtcgtatta	720
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<210> 3913

<211> 739

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 3913
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 ttcggcacga gcaaaccctt cctttgtact cgcccttcat aatcactttt gcttcacaca 120
 cataacctct gacagccact gatgtgttct ttatgactat agttttaact ctggaagaat 180
 gtcattgtaa tggggctctg tgttttgcag catcatgcag ctgtaacctt tgattcagca 240
 gataacaatg tgcattggct ctcactcaa ggtaatgcct ttcagattca ttcaagtggc 300
 cgcattctat ggtagttctt tcttttcat tgctgagcag tattccatca caagggtgta 360
 ccacagtttg ttcgtgcact catcaaagga catttaggtt gcttctagtn tttggtaatt 420
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 tctttagggt aaatgccaac aaatgaaatt gctaggctat atgttaagta tatgcctgac 540
 tatgaaaaac tgcccaccat tttccagtgc ggctgatcac tctgcattct catcagcagt 600
 gaacaagggt tctagttgct ccctaccctn ttcagaatgt ggnattgnca gaattttaag 660
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 tccctgaccg gataatggn 739

<210> 3914
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3914
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 agcccagcgt ttcgcgtaca aacaccccaa nncaagcttt ttcattctgt gcntataatc 120
 acgagtccta tntctctgca ctatcangng tnttntactn cctgctnaan ncnntggtgt 180
 ccatttnatt aagacagaag ttntctntat tgnnaaattt gaactgtatc tatgttataa 240
 tagtaatggt aactcantcc aaaggacctt ntnacaggaa gtaacntgtc ntacatatca 300
 gtnnatatan ggnnnnaggt agggacatac tgtgatcttg gnataactgn aattttttan 360
 nttcctgggc ggttcantgc attgatnnat cacatnatnn taanacatgt atgttgagac 420
 anagcangan tctgtctcaa aaaaaggga aaattcctgg actacataaa ttaaaagtcc 480
 atgaatagga ttggcttcta gcatgcccct tcnggtgctc agacacttaa tcagaaattg 540
 gacttgangt tanttttatt ctcaggccaa ccttctccag tantgatgaa nanggccacn 600
 cagcaactnt gacctgcan tntggcaaaa atggatcana aaagtgtaan ctaagctgca 660
 tcngaangcc cangaatgcc tctnactggc ctgacttncg tcatgngccc atctttgcac 720
 aacctgtggn ctttggcang gcaaggggn 749

<210> 3915
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 3915

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ctcaagtga	taggtgggcc	cagctggcct	cgtgcaggag	ggcacgtcac	tgcatacgac	180
ccggccaccg	tgttctgaag	gacagcgcca	aagatgggtt	agagtcactg	ctgtgggagt	240
cttcgtcccc	acacagagga	caggctgctc	agctccactg	tgcaagatga	tgcacacca	300
gaccagtga	gtcaggacga	tgctgctcac	gacagcaatg	gtgaagatgc	ctaccgtggt	360
cccatccttc	ctgcagcctg	ctgcgggcag	gacgctcagc	tggctgtgag	ctcgtccgt	420
gcccaggggtg	ttggacatct	cacagatacc	acacggtcct	ccaaggggac	caccaaggat	480
ggggtctcta	caagagagca	acagagatct	tagtcattct	cagggcctcc	gttgctctgg	540
ctctgccggt	cttctggaca	acggacaatc	caacatatca	atgagatgca	tctgagattc	600
tgtctcanag	tggcaagctt	tggagaagac	ccttcaactc	attgactgag	tcatctccat	660
gctgggagt	gcttccacag	ggacagtga	cctctgctga	caaaaagcccc	tgctattcct	720
taactgtcct	gggc					734

<210> 3916

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3916

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ttacaggcat	gagccaccat	gcccggccct	ggatgtattn	tctatcctag	aatgtccacc	180
tttaaaaatg	aagcccaagt	aaaagtgttc	ccccactaaa	atgtggactg	ttttgcttgc	240
agggatgtgt	gggtttctgg	tagatagaag	gctagagcta	gcaccttccc	aaattgcaga	300
ggaatcaatc	ctggcttgtc	tgtgagctgg	ggaggaatgg	aaaggtaggg	gccttgagag	360
tccttaatta	catagggaat	gtcctatcat	tttgtntatt	ctttaaaaag	ataatgggat	420
tctttntn	tggtgttagt	ctcgtttgt	cacgcaggct	ggggtgcaat	ggtgtgatct	480
cggctcactg	catcctctgn	ttcctgggtt	caagcaatc	tctgcctca	gcctctcaag	540
tagctaagat	tacaggcatg	caccaacatg	cccactaatn	tttgtactnt	tagtaaagac	600
ngggttttgc	catngttggc	caagcttggt	ctcaaaactcc	tgacctcaga	tgatccaccc	660
tntttgggaa	ccaaggcagg	aagattgctg	gcagccaaga	attcnanggt	gcaatgagct	720
atgattacat	cactgngctt	caa				743

<210> 3917

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 3917

ttntnnnnan	ctaanggctt	ggctacttgt	tcttttttgc	ggagcccatg	cgattcgga	60
aaatatagct	aacactta	gtttgaggtc	tgagcacttt	acattaaata	tttaacctat	120
aaaatgaaat	gagaacttac	ttttattatc	ctcacttata	cagatgagga	aaccaagaca	180
cccagagatt	aataatttgc	ctaaggtaac	aaaattagta	agcatcgtaa	ccaggatttt	240
tggtcagtct	acacaccttc	cccgttccct	cactatagt	cctgctgcaa	attgtacttt	300
aagctatagt	tggacaaaat	attaaaaatc	atctgggatg	ataggtgacc	aaaaaaaaaa	360


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gtatatattga aagtatcaca gtgttaacag ggcagtgaag atgataaggc taagatacacag 420
aaaggaaacc agagagcaga gtctactgct tgggaactgtg gctcctccag gcacctttga 480
ccattcccaa taaggtagcg tgagaccctg agcactcttc ctgtaccacc tacacagctc 540
tcctcttctt ttcttgggtt tactttatctt ttactatca gcatctgttg cactatattg 600
tcgttatgtc agtatttggt tgttgattac ccattctcca tggctaggaa tgtcagctcc 660
agcctgggca acaagagcta actccatctc aaaaaaggaa aaaaaaaaaa aaaaaaaaaac 720
tcgggccttt ana 733

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<210> 3918

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 3918

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agnnnnnnn nnttnnetta tgcctaatag cttggctact tgttcttttt gcaggatccc 60
atcgattcga attcggcacg agctgaagtg aggttgaggt ggggtgcacgg agcccccatg 120
ccctcagtgg gtacaccagc ctcccagcac ttctcatgt tcaccaacac ggaagcttat 180
cagagcttgt tgtttcagaa ctcaattgcc agctcactgc tgaagagatt ggtgggtagg 240
gctgaaagaa atatcagtgg gtctttgttg tattcagccc catcctgaga tggcctatcc 300
aggggctcta taagaagtca cctcattagc ataaactcac atgtgaccaa aaggatcttg 360
ttatgaataa caaagatgt tcttattact caggaaatcc caagagtta gatgctctgt 420
gtcaggggaag tggggatgca gaccaatttc ttattctatc acattaacca gaatcaagct 480
tataaaaatg tttttttttt tgtatggtcc tcantgtgcc tacttgaata atttttgctg 540
atttgattaa aaaattctgn ttttccattc tcttttatta gctgtcccat agttttaata 600
cagccatcat cccaagacca gaaggaagtt aagtgtcat ttataaaaat gattgnatcc 660
tntttttcca tctattactt ttgngtccat tatgcatgtc aagctgggtg tggggagctt 720
actctntgna ccctctatta gacagang 748

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<210> 3919

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (723)

<223> n = A,T,C or G

<400> 3919

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gagctttcat ggtatgtcca taggtgtaaa atgatggcct taatgcttat aataataagg 120
taggtttttg tatgtctaata atacagagaa atttccaaag actttttaat ctttgcttag 180
cataaggagt ttagtcagta actattacaa ggaaaaaatg atcagttttc atttgtcagt 240
tctataagcc ccaggcaagt ttctttcggt ttgactttt tattaattaa ccatatccta 300
agtgtctaaa gccatgagtc attttttaaa tttatctttt tttgtatgcc atcacttcta 360
gttttaccac tttgtactca caaagaagcc acaaatggat taatcattat gtcacttaag 420
gaaataaatc catggcatag gggtaaatat aaaaaatact ttgtactagg attttataat 480
agcttaaatt tattgaagggt ctactgtgtc acaatcaaca tgctcagcat ttttcatgtg 540
ttatttttcca tttgtaactg gcaactactt aggattatct agttaaaatc ccttccttta 600
tggaatgaga tgtctgttta ttacgtttac agccacatta cagatctatt gacataaaact 660
ccactatggt aattgtgtct ctttttttcc ccctctctgg ttcacctgct caatgggtta 720

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aca

723

<210> 3920
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (723)
 <223> n = A,T,C or G

<400> 3920
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 gtagttgtct cagcattctt caaatagtcg ggtcttggtt aatattatta ttattattgt 180
 tatttaattt tattttattg caactgtact tagagaatag tctgggtctg agaccttttc 240
 actgtgggtct gttctgggtg acggctccca ccagtgtgaa gcagaaggat gactttgctc 300
 tgttgctcagg acaaccttga aggaaggagc caaatgtgtg gaggtctgtg ggaagagaga 360
 gccacctagc atgtcccccac tgaaccagtc agcagaaggc cttccccagg aggcctccaa 420
 cagatccctg aatgccacag aaacctcaga ggcttgggat cccaggaccc tccagcgctc 480
 aagatctccc ttgccgtggg cctttccgtc atcacactgg ccacagtcct ctccaatgcc 540
 tttgtactca ccaccatctt actcaccagg aagctccaca ccctgccaa ctacctgatt 600
 ggctccctgg ccaccaccga cctcttggtt tccatcttgg taatgcccat cagcatcgcc 660
 tataccatca cccacacctg gnactttggc caaatcttgt gtgacatctg gctgnccctc 720
 gan 723

<210> 3921
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (719)
 <223> n = A,T,C or G

<400> 3921
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 ctcatgggct ggatcaccca caacttcatt ggcctcttct agtggaagct ggagcatttc 180
 cttgggtgaat tcttttcctt gaggggcaag atccatgcca cacagctctc tgacctgtg 240
 tgtcacaacc cttatgggtc atgagcaaaa tgggttgctag tagtcatttg ggcatttctc 300
 ttctgttttc ttatgtgtgt aataagatat acaaagtcgg gcttgaagat tagaaattgc 360
 taactccagt gagtcagttt acttggtttt cacatcttca agttgagtct agaatggagt 420
 tacctaagaa aaggaaattt gcagccttca gtaccgtgtc ctgggggttg tagaataact 480
 agtgccatat ccactctact ggctctctag agattgtgta aaggaggctg gccttttggg 540
 gatgatctga atacatggta ttgaggacaa accttcttcc caaggctgat ttgataatat 600
 gtgagtttgt ggggtctaaca tgtagaaata cactcaactg aatggatgtg gggtaatctg 660
 ggtattttaga cagggtgggt tggtnggttt aatgggncca aaccttggtt nctggaaaa 719

<210> 3922
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (745)
 <223> n = A,T,C or G

<400> 3922

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cccancgatt	cgagtgggtg	gcaaggagtt	ctgtgtaaat	acttgggagg	catccaagcg	120
gagagttaag	taggcactga	atattttaagt	tgagctgagg	ggagtgatct	agactggaca	180
taaatttttg	gagtcactag	tatacagatg	gcatgtcatg	gaactgattg	anattgtttg	240
tggccttaag	atcaagccct	gcagactgg	agtaataaaa	ctctggtctc	ccacacagtc	300
agctctgngt	ggggaaaaaa	aagccctaaa	acactaacia	cggctaaagc	ttggggcaaag	360
ganactgaaa	aggttcagcc	nttaaagtgg	gagagtattt	tattattttc	aagaaagagg	420
gaatggtcac	ctctgtcaaa	tgctgntgan	aagttacaca	atgagaatag	agaaatgtct	480
atttggaatn	gacaacatga	tggtgactgt	tttgacaagt	ggnccaagcc	acattgggat	540
gcttcgaaga	gagaatagga	agtgaggtga	atatcgacag	ctcgttaggg	aaatttgctg	600
ctgtaaaatg	gagagaacca	cttaatgctt	caganggaaa	tggggtcaaa	aaaaaaggct	660
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ngcaaattnc	cggttacca	anacn				745

<210> 3923
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

<400> 3923

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tgactctggg	aaagcctttc	tgatgatctc	aagcttgcan	attctgtccc	tgttctgacc	180
ggggggtcaca	gcctagtgg	agaacaggac	ctcctgctaa	gatgctggaa	ggaccctttg	240
ggggagctga	ggcctggctc	ccctctcccc	aggcgaggt	gcacaggcgt	gtgggctgtc	300
tgcaagcaca	gacctgcct	cacagcacca	ttaccacaat	aactgaatct	gtgtttcctg	360
gctgctgtta	attgtgctan	agatttgggg	catggttttg	gggtgaaggt	tnnaaatgag	420
caattagccc	tnaaatgtta	aactaataag	ggaaataaat	gatcaagcaa	agtctagcct	480
angaggtttc	agcaaccgaa	gatgggctgg	gacggggctg	ggatgccgcc	gaccagcag	540
ggagtggccc	ancnggtttg	cttcaatgac	ccangatgtt	tccacaantc	ggaaaggggt	600
gctatcttnc	tgtctgctac	ttagaaagtt	ctatcttacc	ccnggatct	nacttacacc	660
accagancat	tactggtcta	cccgncaagg	ctcttctgct	caagaagaca	gggaaaggat	720
ttgctttccc	cacnccatta	nnacccc				747

<210> 3924
 <211> 743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3924

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atgggaaaca	accgaggaaa	gctggagcag	gttacgtata	aaaataaaagt	ccattcacca	180
aaaaaggcat	tacttacgag	ttaccagggg	tgagagatag	gatgctgaag	tggtctagaa	240
attaagctac	ccagtatgga	agggctgaca	attcagtgat	cgagagcagt	gccttagaac	300
agccaaaaca	atagcaaact	gagatctgca	gaattaactc	tcctgaaaat	aacaaggagg	360
tactcatttc	acgtttcctt	ctatttgatt	tacaagaggg	tgtagcttga	gggaaaatgc	420
ctcacacttg	ttgaattaca	cagttgtttc	tcattcactt	ttaatcacgt	tttgagcacc	480
tgctaagtac	caggcattttt	gctaattgagg	agcacagagg	taaaagacac	atcactactg	540
tatgaaatgc	gtagctcant	gggtgtgatac	acaagcacag	agaggtnacc	agagagcaag	600
gagggcatgg	aaganaggcc	ttnactttt	ggactgggaa	nggagaaaga	tgtangacaa	660
gaaaatcttt	cccttaagga	gcttgatgct	ttgaacttgt	gccctngngg	aatgaanaag	720
ttnaccant	tngggcttan	cnt				743

<210> 3925

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3925

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tggggttgac	cagaggtagg	caaaggaagg	cctgtgggcc	aaatctggcc	agctacctgt	180
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tgtcaggtgg	tananaactaa	ggagggagtg	ataagtccct	gttgccacc	tgaggttttg	420
nctgtgtcag	gaagctgcag	atgggagatg	tccaggcagt	ggctcanaag	aacccatgga	480
ggacccatta	agggaanggt	tggtatgtgg	acaccancca	cgccangtg	aaccanctgt	540
gcagtcaaata	acanaacttn	ccgtccctta	caccttcctt	ctctgnggtt	tcaatttttag	600
tgaaagtcana	ccacaccnca	nanngtaaac	caacccgtgc	agtcaaaatn	caaaactttc	660
cttgccctt	taaaccttcc	tttttncctg	gtttccaatc	ctggtggaag	gtccataagc	720
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<210> 3926

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 3926

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tgncnagtgt	nnngggacag	gaccattcan	tggtctgntt	nnaannttga	tgngtgnan	180
tgcnntaga	ataaanngaa	cagancaaaa	taangnnngg	ntagnaggaa	gatggnatgc	240
acatganaag	ataanggcag	cagnanagg	gaggaanga	gtggatatng	gggaatgacn	300
ttatnaangc	cangaaacta	gaatctnagn	gacggaaaag	ctnnaaaagn	tctgagncnc	360

ttnnncnanac	ggnggggtacc	cngggggtcga	acaaaccgnc	ttcttttgaca	tgttgtanca	420
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tanngccnna	accaatggcn	attncnaggc	gtgatctaac	gcactacagc	ttgnactcct	540
gggctgaggc	ggganaatca	cttggaacca	ggaggcatga	anttgcangt	gagnctnaga	600
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angggaccca	agaaagggng	gaatccccc	accccgcccc	nntagaacca	tnntcaccct	720
aaaggggaag	gnnnctttta	nggaaaanna	nccgggcntg	gggnaaaaaa	acanggcctt	780
ntaggnc						787

<210> 3927

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (736)

<223> n = A,T,C or G

<400> 3927

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gccaggttat	caggggcttc	actgtgaaac	ctgcaaagag	ggcttttacc	taaattacac	180
ttctgggctc	tgtcagccat	gtgactgtag	tccacatgga	gctctcagca	taccgtgcaa	240
cagttctggg	aaatgccagt	gcaaagtggg	tgtcattggc	tctatatgtg	accgatgcca	300
agatggatat	tatggcttta	gtaagaatgg	ctgcttgccc	tgccaatgca	ataatcggtc	360
tgccagttgc	gatgccctca	caggtgcttg	tttaaactgc	caggaaaata	gcaaaggaaa	420
tcactgtgaa	gaatgtaaag	aaggatttta	tcagagtcct	gatgccacta	aagaatgtct	480
tcgctgccct	tgttcagcag	tgacatctac	aggcagctgc	tctataaaat	cgagtgaatt	540
ggaacctgaa	tgtgaccagt	gtaaagatgg	ttacataggc	ccgactgcaa	taaatgtgaa	600
aaatggctat	tacaattttg	acagcatctt	gtagaaagtg	ccaatgtcac	ggccatgtgg	660
gacccagtt	aaaactccca	aagatttgta	agcccnaaaa	ntggtgantg	catcaactgg	720
cttcatacac	ccactg					736

<210> 3928

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 3928

agggnnnnntn	nnnttnncta	ctgnaacctc	taanngcttg	gcnacttggt	ctttttgcag	60
gnagcccagc	gattcgaatt	cggcacgaga	taacctaggt	nttagaagga	taggaacaac	120
aaacatcatg	atcttacaca	cctgcacttt	ctagcaccag	ctcctggaga	aaaatcgaga	180
ggctgaatgg	tgtctgttaa	cagattatag	tcagtgaggc	ctctttcctc	agatgttgta	240
tcttatcaat	ggcagacatt	ttcaacctga	aagacacatg	ctcattacaa	gacttagtag	300
tgctctaacc	ctgttttcac	ttatcagtc	aagacgtagc	cgacatcaaa	gtattcagct	360
tattacagaa	ttgacttcct	caaagtttct	ctcagtgttt	atccaagatg	taattcactt	420
agcatcttta	tctcgctgca	caggactaga	gttgccctcg	aaaaaactca	ggataccact	480
tggtcataga	tcacagtact	tgttcctcgt	atttgcggtta	actngtgtga	atatgcagcc	540
tccgtgagat	atttgcatac	tgcttctgtg	aacacacagg	acaacagact	gtcttccgca	600
gtcatacact	cagtcataat	ctcaaatagg	tattccagtt	caaatgtata	aaatcagtag	660

tcttacatgt tacagantgg gtgggatgtt cctttgccag gggattaaaa aaaaaaaaaat 720
 cccaagtctt aatactgntt tctnccnagc aat 753

<210> 3929
 <211> 754
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (754)
 <223> n = A,T,C or G

<400> 3929
 ngngnnnnnn ntttnnannc nnttggaac ctgtgcnagg ctcttgttct ttttgcagg 60
 acccatcgat tcgattcggc acgaggtgga ataatatctt ttgaaataac taagtccact 120
 aaattataca gtatgctatt ctgggttctaa gtacatatta gtcccttggc aaatctgttc 180
 tttcaaagca taccttcccc aaatgagcct acctacttct taaaaaacat ataacacaat 240
 gtggtagtag taggtgtnag gaaggtaagt tntttcatag gggnatgcan acatatnatt 300
 gaaatattac atagatntaa agacttaggg aataaaaaata gcagcaacaa atacttgata 360
 gatttatcct acttgggaga aatattttgt agcagagtat ttagtatact tagaagttga 420
 ttttagcaatt aggctttaat gaccttaca agtgaacata actgaacaca ngtatttttc 480
 caatgcaaga tgaggatgaa aatntttacat ttttaacccat ctggctaaag ttttagactta 540
 gcaaaaatna anatgntgcc tttgnccaag tatngattca ngngactaga catatatggg 600
 tgtgtaataa ggaggattg gactgaaata tnntttgcag ggtttcacat gtaaaactgc 660
 acttgccctg naaggatnnt ggnaanaatc tgngtttttc ctcagncnnc nttnagaaca 720
 gtaaggggnc ctaacctnnt ttaaccgta aatg 754

<210> 3930
 <211> 788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (788)
 <223> n = A,T,C or G

<400> 3930
 gnnnnnnnaa gngnntnnnn tttgatancn tnttnaanct taanggcttg gctacttgtt 60
 ctttttgcag gctcccagcg attcgaattc ggcacgagcc cgccacatgg cctgtttctt 120
 tccttgctgc tcctgcagca cagccctgac tcgggggctt tgcgtgtccc ctcancgctg 180
 caggggccac tccttctct gtcttggct ctgcttagcc agcgacgggt caggagggca 240
 tgggtggcca gcccgcaagg agccaggcct ccagcacccc ctcccttgt gtggcctcct 300
 cccacatggg atctcagccg gtcttggctt caactaaaca ggacgtggca ggcgtgatgc 360
 cctgccaat ccaggcctaa gccttgacac agcctggcag cttctgcttc tgaattgcag 420
 gaccccaact gtcatgtaaa gaagtctggc tgctttgctg gaaaggccaa atggagagac 480
 cacgtgagag gccacatana caggccttgt ggagagggaa aggtgctgag actacctgga 540
 anggggagccc agttgaccaa acacccccca ctgagcccat cccccagnca ttccttgcca 600
 ggacacccaa catgtaagt angcatccc ggccgttcca ancttggnc ancgccantg 660
 ggactgtaac ttgcannagn aaaaattttg ctttnnaacn aaaagtactt ggccnancnt 720
 gaanccccc ttnngtccca cannaattcc ttggagagna taaacccaaa ttgaattggt 780
 tggttnc 788

<210> 3931
 <211> 460

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 3931

ttcnaccagc	tcttggttctt	tttgcaggat	ccctcgattc	gaattcggca	cgaggcttgt	60
tctggggaaa	gctcatataa	gtatggattt	tattcctcaa	ctagtaggat	accaatactg	120
gtattgaaac	ttggggaaaa	taactggaga	taccagtgc	gctatttaaa	gctgtagcaa	180
gggctgcaat	cttgcggaga	ttttaaagag	aagttttaaa	gtttctaata	ctgatgcctc	240
tttttggtta	atacaagttt	tataaatcct	gccctgggat	cctgattccc	cattaatcaa	300
gatttgtcag	acttcacctt	ctataattag	aaaacacagt	tataagaaca	gtcaattttt	360
taaattttcc	aaattaaaaa	attgcaccat	gattttgaac	aagcacttcc	aattacatta	420
cccatcttgt	atgccatagg	tgggagtata	attgtcacag			460

<210> 3932
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 3932

anctaangct	tggctacttg	ttctttttgc	aggancccat	cgattcgaat	tcggcacgag	60
atttttaagt	tgcagctcag	ccgtatttag	tgtattcaca	atgttctgca	accaccagcc	120
tcctgagtag	ctgggtgtgc	accctgcacc	cagccagaag	tggaaatct	tggtggggct	180
gggcttagag	ctggagctgg	tggccggctc	tgctcgctta	cagaattctg	tacggtttct	240
gatttctctc	agcccatctg	tccttcaact	gcaagcatct	gatgactgct	gcatgtacca	300
taaaaacatg	caaatatata	attcttggct	ttgaggaggt	gaccctatga	aattgactta	360
aaaaagttgg	gctggatata	gtggctggcg	cctgtaatcc	cagcactttg	agaggctcag	420
gccggagggt	cgcttgagcc	caggagtttg	ataccctgtc	tgagagagaa	ttagctgggc	480
atgttagtgt	gcgcctgtgg	tcccagctac	tcaggaggcg	gggcgagagg	gatccttcca	540
gctgagatgt	gagggttctt	tgagcccagg	aggtccatag	tcagtgagc	catgattggg	600
ccactgcatt	ctagcctcag	tgacagantg	agactgttta	aaaaaaaaaa	aaaaaactcg	660
agcctntnaa	ctatagttag	tcgtattacg	tagatccnga	catgataaga	tacattgat	719

<210> 3933
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 3933

agagnntnnn	nnttggtgac	tctaattggct	tggctactng	ttctttntnc	aggagcccag	60
cgattcgaat	tcggcacgag	gacctggcgaa	ttttttttgt	atttttggtg	gagtttcgtc	120
atgttgctta	ggatggtctc	aaactcctga	gctcaagtga	tccacctgcc	tcggcctccc	180

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agagtgtctgg gattacagtg tgagccacca tgcctcacct aggggtgtttg gtttttaagt      240
gaaacatgca catggtaaac attaaaaccg tctaaaaggc tggaccatga aaagcaaggc      300
tcccttctcc cacccaatcc ctgaattctc cctggagagt atccctccta agtgcacgca      360
cttcactct gttccatttc tgctgttaa aactacttag tgcagcttag tgtagtggaa      420
cctgcttcag aataacccat atgggtcttc tttattctca tgaaccacag agcatttcat      480
gtgttgata tattgtctcc tacttacgga catttggggg tgtttctgtt tttgtttgtt      540
ttgtgacgga ctcttgetct gtaccccagg ctggagtgcg gtggcacagt ctgcgtcatt      600
gcaaccttca cctcctgggt tccaacgatt ctccctctc acctcccaag tagctgggga      660
ctacaggtgc ctgccaccat gccactnat ttttggattt tttggtaaaa caggggttca      720
ccatgtttgg ccaggcttgg tn                                          742

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<210> 3934

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 3934

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agtttnnnan ntnaacnnnt tgctgccata gcgtggcttt ttgcaggacc catcgattcg      60
aatteggcac gagggggccc ccatttttct caaatnccct gagcctcaag aggtggngga      120
agagttgaag aagtacctgt cgtanggaga tttgggtaga agccctcatg ctgagctttg      180
tgtccctggg gatgttgga cattaatgat ggaacatggc caaacttcag tcatgatcct      240
gaaaccatgg cttcaggatc atgactgaag tcatggtttc tccctgccca gaaatgaagg      300
ttcagttatg aggcaaccct ctagtaaggc attgtaaaag ttactggntt nggtttaata      360
aaagttgaaa tanagtanat gaaaganaaa ananaaactc naggccttag aactatagtg      420
agtcgtatta cgtagatcca gacatgatag ggatacattg atgactttgg acaaaccaca      480
actagaatgc actgaaaaaa atgcttttatt tgtgaaatc gtgangctat tgctttattt      540
gnaaccatta taagctgcaa taaacaagtt aacaacagcc aattgcattn catttcatgt      600
ttccaggttc aggggggaag gncttgggga aggggttttt taaattnnac ggggccgcgc      660
tggnccaatg ccnttggggc cccgggtacc caagcttttn ggtnccctt ttantgnaag      720
gggttnaatt ggccccccct tngggcntta aatncatngg gncantaacc tnggncccc      780
cnggggtggg aaaaatttt                                          799

```

<210> 3935

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (834)

<223> n = A,T,C or G

<400> 3935

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agagnnnnnn ttgannctaa tngctggtng ctcgttcttt ntncaggagc cnancgantc      60
ggtaaattcc tgggttccag gctcaagcct tccactgtat gctccatgtt accagctatg      120
ccttttgaac gggagatggt gcataaataa ttgttgagta tgcactttag attccttctg      180
aacatcacat ttggtgaaac tataaaataa tccccatgaa aattggattg cttaatatca      240
taactgatat ttaataatat ttaatatgtc tctaaaattt ctggctaaaa tgaaaatatt      300
caaccatcag gaaggagaaa caaaactatt actgtttgta aacagtttat catcagtact      360
tacctaaaaa tcctggagaa tgagctcaga aatatttcta agagttgaga cagtttagca      420
aatgaacag atacaacctc aaaccaaacc aaactagaaa gctcagagga cacagaaatg      480

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ccagtactga	gctggcaaca	cctctgttgt	ttgtgaaaat	gttctctgga	acacatggac	540
acaggaaggg	gaacatcaca	ttctggggac	tgttgtgggg	tggggggatg	ggggaaaggg	600
ganaantncn	nngnnnnnnn	nnnncccant	nnntnnnnn	nnnnnttnn	nnnnnnnnnn	660
nnnnnnnnnn	nttnannnnn	nnnnngggnn	nnnnnnnnnn	nnnnnctttg	gnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnccnn	nnnnnaaaan	nnnnnnnnnn	780
ntnnnnnnnn	tnnnnnnaaa	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnn	834

<210> 3936

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3936

agagnnnnnn	tttttgaanc	taatggctgg	ctactngttc	ttntncang	atcccatgcg	60
attcgaattc	ggcacgagtg	gaagctctca	ggccaaggtg	attgacagag	atggttttga	120
agtaatggaa	tgtataaaag	gagaccagta	tattgtggac	atggccaaca	ccaaggggtca	180
tacagcaatg	cttcatactg	gctcatggca	tcccaaaata	aagggagaat	ttatgacttg	240
ctcaaatgat	gcgactgtga	ggacgtggga	agttgaaaat	ccaaagaagc	aaaaaagtgt	300
gtttaaacca	cgacgatgc	aaggcaaaaa	agtcattccc	actacgtgca	catatagtag	360
agatggaaac	ctcatagcag	ctgcctgcc	gaatggaagc	atacagatct	gggaccgaaa	420
tttgactgtt	catcctaagt	tccactataa	acaggctcat	gactcgggca	cagacacttt	480
tgcgtgactt	tttccatga	tggtaatgtc	cttgccctctc	gtggaggtga	cgattcatta	540
aaattatggg	acatccgaca	atttaataaa	ccactttttt	cacctcgggt	cttcccacca	600
tgttcccaat	gactgactgc	tgtttcagtc	cagatgataa	gtcctagtc	actggtacat	660
ctattcaaag	agggatgtgg	cancggcaaa	cttggtttct	ttgaaccgta	ggactttcca	720
aaggggtgtat	gaaatagaca	tcccagat				748

<210> 3937

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3937

agngnnntnn	nctttgaatn	tnatgctggc	tacttgttct	ttttgcaggt	ngcccatcga	60
ttcgaattcg	gcacgaggta	agatcctgcc	tcaaaaaaaa	aagtttatgt	tctcaaagtg	120
ctcataatct	agtggtagta	cagtatttga	gatattagag	cagtttctcc	tcctttttgca	180
actaaggaca	tgtatcctta	aagcagaagg	aatggcagag	tcgtgtaata	aaccctcaag	240
taccattact	tagcttcaac	aactatcgac	actctactgt	tcttgtttca	tttatgcctc	300
acctccttcc	catccccac	ttgaatatc	tcactccttt	tttacagttt	ttaagataac	360
aattacataa	ctgaaatgca	caaactcttag	ctgtacagtt	ttgacatatg	gatacacctg	420
tgtaaccaat	gactgtatca	caacatagag	catttcatct	ccccagcaag	atccatgtgt	480
cttttcctag	ttaatgcctc	tttatttctg	agatggttat	tgtctgtctt	ttgtttttca	540
tgttaggcta	gtcttgctcg	ttctagaatt	tcataataact	gagaacatac	agnaatgtac	600
tcactagtag	tgtctgactt	tttcacaaag	gataatgtct	ggcggtatcc	attcatgctg	660
ggngtatgca	tcagtagttn	attntctttt	tactattaag	tagtgttcta	aggactatct	720
taatagcatn	ccacaaangg	ggtntga				747

<210> 3938
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (747)
 <223> n = A,T,C or G

<400> 3938

agttnttcnc	angannactn	antgggctgc	cctactcggt	ctttttgcag	gnngcccatc	60
nattcgaatt	cggcacgagg	tgtgggtcan	tttcatcaag	tactttacaa	ggtaatagaa	120
tatcacaagg	caagtggagg	caggggtgaga	tcacgggacc	agggcgaaat	taaaattgct	180
aaatgaagtt	tcggggacca	ttgtcattga	taacatctta	tcaggagaca	gggttttgag	240
atcaaccagt	ctgaccaaaa	tttattaggc	gggaatttcc	tcttcctaata	aagcctggga	300
gcgctatggg	agactggggg	ctatttcacc	cctgcagttt	cgacagtaag	agacggccac	360
gcccaggggg	ccagtttaaga	gacccacccc	caggtgcgca	ttctctttct	cagggatggt	420
ccttgctgag	aaaaagaatt	cagtgatatt	tctcccatth	gcttttgaaa	gaagagaaat	480
atggctctgt	tcggcccggc	tcaccggcgg	ccagagttha	aggntatctc	tcttattccc	540
tgacaatcgc	tgttatcctg	ntttttcaag	gtgcccacat	ttcatattgc	tcaaacacac	600
atgctgtaca	atgtgtgcag	ttaatacagt	tattacaggg	tcttgaggtg	acatacatcc	660
tcctcagctg	acaggattaa	gagattnaag	taagtaaaga	caggcatagg	aaatcacaag	720
ggtattgact	gggggaagtg	ataantn				747

<210> 3939
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (810)
 <223> n = A,T,C or G

<400> 3939

agnctntnnc	canntnnact	nctntggctg	cncatactcg	tcctcgcccn	annangacag	60
ggcnnggcga	atnccggcaen	cagaggcagg	tgngtttttt	aaaaggtnaa	cacaccngtt	120
atgccttcnn	gtacgggcat	gcgagccaga	agantntgca	netgcnngga	gagatgaagc	180
naaactntgc	aacattcaac	tgcatataaa	aaaaatgatg	ccnanagggc	ctttgagcaa	240
gaaatgnngg	nngatnaang	acacccgnng	ccngaactct	gcgcgggaca	tnnnggttat	300
ggctctgtna	gctcntaacn	ctgcagntga	cccagacnnc	tannggcngg	actaggggat	360
gangcggtc	actgtgggcn	ntnccgtgaga	ccncaggnc	nncatgatga	ctgnaaacag	420
antcccanan	actctactgg	atcctccctt	ttccttgcta	acacatgaaa	ctgatccagg	480
atacacagcg	caanaagnat	ctgaatggca	gtgaattctc	ttnaacataa	cccgcnatgg	540
cnatnggggc	ttcantggaa	tagangggta	caggtcaacn	gggggttgacc	ctgcggnttn	600
gnnnggnan	cggcnttntg	agncanaaat	acnccgtaang	ccaantttac	agccatgaan	660
caaggatccc	ccnttngggg	tttggggatc	atcacggnat	tgntgttggt	ggcantaacg	720
ctgaaatgga	aaagggaacc	ttgcccctta	natgaccctt	tggggaaanc	ccctnaaaan	780
ggaatcgtaa	aagnccaanc	nccaangtcg				810

<210> 3940
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 3940
 agagnnnnnn ntnttgactc ctaatggctg ggctactngt tctttntnca ngtngccag 60
 cgantcgaat tcggcacgag ataacttcta aggaaacaaa ccaccctcac atgcactatc 120
 tcatttgtat ttctgtcaat tctgaaaggc cagcatttgg ccagtattat ttgaatctgt 180
 attgtatttt ttaaccagaa gaatgaaggc ttatagcttc attccttttg aagaggaggc 240
 tggagaccac aggttaaagt cagggtgcac gctcttgccc ggccctggaa gggtcctttc 300
 tccctccttt tacactcgca gacaagcttg tggatgctca ataaggacag ctgccgtttg 360
 gacagagatt aatcatttat ttgtgaaggc ttttctgcc ttgctttctt gttctttttt 420
 aaatcttcac attgttttga tcccaaatg tttgtgttgt ccttactcaa aactaggaaa 480
 aacaattatg tggtaagagg ctgagagcca cttacttaaa tctcactaga tttatttgtg 540
 agaacatctg ttttctgata tttagacact tntcttcca ttgctgttct ctatgactca 600
 tgcacagtta tttgttcagg tttcatggga atttcccaag tgtatttacc tttgtttggg 660
 tttttaaaaa tgtaaatat attggcccaa taaatgagta tgtgttgtca nggggactgt 720
 ggctgggtca ttgcatgtgg aaggggaan 749

<210> 3941
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(740)
 <223> n = A,T,C or G

<400> 3941
 agngnnnnnn ttttgnntct aatgcttggc tacttgttct ttttncangt tcccatcgat 60
 tcgaattcgg cagaggggc catgtacctc ccggacaccc tctctccacc gaccagctca 120
 agtccacact gcagaccctc ccagagattg tggcaaagga agcacagggt aaagtggccg 180
 aggtggaggg cgagcagggt gacaacaagg ccaagctgga ggccacgctg caggaggagg 240
 cggccatcca gcaggagcac cgtgagaagg agctgcagaa gcgctcggag gtggcgaagg 300
 attttgagcc cgaacgtgtg gtagctgctc cccaaaggcc ggggaccgag ccacagccag 360
 aaatgcctga cacagtcctg cagtcagaga ccttgaagga cactgccccg gtgctggagg 420
 gcttgaagga ggaagagatc acgaaggagg aaatcgacat cctcagcgat gcctgctcta 480
 agctgcagga gcagaagaag tcactacca aggagaagga ggagctggac tgctgaagga 540
 ggatgtgcag gactacagcg aggacttgca gggagatcaa gaagggaact ttcaaagact 600
 ggtgaagaaa aattccgtgg aagaatctaa agccagcaag agattgacna aaagggtgca 660
 gcaaatgatc gggcagatcg atgctttgat ctccactgga gatggccaca gcttgcagct 720
 ggcccggcaa cggatgccct 740

<210> 3942
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 3942